

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

Vol. 15.

LANSING, MICHIGAN, TUESDAY, OCTOBER 5, 1909.

No. 3.

THE CLIMAX OF HOSTILITY.

FRESHMEN WIN NEARLY ALL "EVENTS."

Saturday at noon the grounds about the armory began to fill. The spectators and picture men were taking their places for choice scenes, and by two o'clock terrible "rahs," "hoorahs," and "zickety-booms" rent the air until the old, powerful, fortified, and defensive aspect of the armory quaked in tremulous fear. Even her windows "shutter" !!!

All at once the snake-like line of freshmen began to weave itself in and out among the trees and to disappear behind the stately oaks that guard the bridge across the Cedar river. The sophomore bunch, which had gathered on the green to the south, immediately broke into a lullaby and started a slow powerful march in pursuit. The long line of freshmen was over taken and sifted through like sand in a screen.

The upper classmen came to the rescue and sophomores were compelled to halt until the freshmen had all crossed the bridge.

The field was finally filled and classes lined for the terrible struggle. The first event was the football rush. At the moment the balls, five in number, were thrown into the air and the pistol fired the death-like silence of the field gave way to a terrible rumble and loud yelling. Masses of arms could be seen here reaching into the air far above the heads as the "pig skin" bounded up and down and sideways or fell to the ground to be covered by a sprawling lot of tangled legs and bodies. Torn shirts were noticeable there. Now a rush and fall; again a mass of tangled arms and legs, a crawl and cringe till the whistle blew. Again the ball was tossed and again a rush and a mass of arms shot into the air, accompanied by cheers from juniors and seniors in the bleachers.

At the second shot of the pistol the freshmen had all five balls and a sum total of 145 yards to their gain.

In the canvas pull the sophomores showed the surplus energy by gaining two out of three.

The tug of war was held across the Cedar river just east of the new bridge down stream from the field, and was a signal victory for the freshmen. At the crack of the gun the cable moved about six inches toward the end of the stalwart '13's and a gradual movement maintained until one by one of the sophomores began to swing in to the mighty torrent. At the end of eight minutes the '12's had swung down stream and fastened the cable at right angles around a tree making it impossible for the freshmen to pull up the tree. All were standing in the water up to their ankles except the few who had climbed into an old boat which had grounded in the bed.

Last and greatest of all was the rush for the canvas banner on the tree. The whole number of both

classes took part in the event as they had done in the first. In the second and third only a chosen few had taken part, those of brawny bodies and bulldog grit. Now came a free-for-all. The freshmen had fastened the canvas at a height of about nine feet on the elm in front of Dean Shaw's residence.

The results of the day's exercises ended largely in favor of the freshmen, but in several instances they had advantage, both of grounds and numbers. Luck was especially with them in the tug of war where the slope of the bank was decidedly against them.

The sophomore class will now put on the dignity of ended lower-class hostilities and will come out with higher honors and broken previous records at graduation exercises. May the memory of defeat at games of small significance be an encouraging angel in the grand old game of life.

THE OLYMPIC SOCIETY.

The first two Saturday evenings of the term have been devoted by the Olympic Society to entertaining their friends and acquaintances among the new students. A "feed" and a "smoker" have been the particular functions, at which Dean Bissell, Prof. Eustace, W. H. Parker and S. C. Hadden acted as patrons. Among the interesting numbers on the literary programs were a talk by Dean Bissell, a narration by H. H. Bradley of his experiences as an M. U. R. conductor, and an article by E. R. Baldwin on the inspection of milk in Michigan, in which occupation he was engaged during the summer vacation. But the real spice was added by the apt and witty criticisms of "Tiny" Parker and "Cork" Sanford.

WEDDING.

WITH '09.

On Saturday, Oct. 2d, Mr. Merrill E. Dikeman, with '09, was married to Miss Sarah Hill, at the home of the latter's parents, 326 Selden ave., Detroit.

After Oct. 10th the young couple will be at home at Detroit where the groom has a desirable position as draftsman with the Whitehead & Kales Structural Iron Works.

BIRTHS.

To Mr. and Mrs. Guy W. Smith, '07, a girl. Name, Lucile Julia Smith.

EDITOR RECORD: You may classify Miss Harriett Ruth Parish with the class of 1932, H. E. course. Ruth was born Aug. 28, '09.

Yours sincerely,
H. R. PARISH, '95.

Season tickets to the Liberal Arts Union entertainment course including reserved seats, on sale at the Secretary's office. Price \$2.00.

THE CHORUS CLASS.

The chorus class will be organized at 6:45 on next Monday evening. It will be in charge of Prof. Earl Killeen, of the University School of Music, Ann Arbor, who con-



PROF. EARL KILLEEN.

ducted the chorus so successfully during the latter part of last year. This chorus offers a fine opportunity for students who wish to cultivate their voices. There is no charge except a small fee to pay for music used.

It is the intention to give a mid-year concert of a popular nature to be followed later in the year by the regular May Festival, at which time the popular opera, Faust, will be rendered by the chorus and artists from abroad.

The chorus is open to all students who may wish to enter. Report at the chapel at time stated above.

PRIZE OF \$100

Offered by the Du Pont De Nemours Powder Co.

Dean Shaw is in receipt of correspondence relative to prizes offered by the above named firm. There are two prizes, the first of \$100 and a second of \$50 open to all students taking the agricultural course. They are offered for the best and second best essays on the subject of "The Use of Explosives in Blasting Stumps, Boulders, Breaking up Hard Pan and Tree Planting."

Skeleton outlines indicating the trend these papers should take, but which are not necessarily iron-clad, will be furnished by the company on application. It is their desire that these papers be completed and sent in by December as a decision will be made as to the awarding of the prizes in March, 1910.

Further information regarding this contest may be had by consulting Prof. R. S. Shaw, Dean of Agriculture.

Language is used to conceal thought.—Tallyrand.

ALUMNI

With '64.

Louis S. Eldred, who entered here in '61, but left soon after and became a cavalry man in Co. F, 3rd Michigan Volunteers, has just recently shown up after his whereabouts had been long lost by the college. He lives at Climax, Mich.

Dr. Elmer D. North was found dead in bed at 3 o'clock this afternoon in his rooms at 6-7 Ranney block. No one has seen him about since dark Sunday night.—*State Republican*, Aug. 17.

'86.

Geo. W. Park, '86, editor and publisher of *Park's Floral Magazine*, seedsman and florist, entered this institution in '83, after having accumulated enough of a fortune for easy support of himself and family. At that time he had no intentions of graduating from any course, but intended merely to gather a few ideas from the botanical instructions that would be of service in his business. After getting fairly well started, and having met Dr. Beal, Mr. Park decided to complete the course in botany. This June, after having been in Chicago on business, he visited with Dr. Beal and expressed his gratitude for the kindly interest that had been shown in his behalf. His address is La Park, Penna.

With '92.

Thos. A. Thompson who entered here in '88 called on the college September 14. His business is that of timber dealer and phosphate miner at which he has made a success. He lives at Wileford, Fla.

'99.

Wm. D. Hurd, '99, is dean of agriculture and director of the short courses in the Massachusetts Agricultural College at Amherst.

'02.

Albert G. Craig, '02, has recently bought a home in Deer Park, Washington. He is at present horticulturist for the Arcadia Orchard Co., having resigned the position of instructor in agriculture in the State college. He has invented a squirrel poison which is said to be very effective.

'07.

The forestry department of the state college of Washington, with C. H. Goetz, '07, in charge, is starting out this year with very bright prospects. Some 40 or more students will be enrolled. The school is well equipped and offers a four-year course with a B. S. and a two-year course with a certificate, the latter being more elementary. Being so close to the white pine belt and Blue Mountains, there is an excellent opportunity for practical experience. Last summer all the forestry students worked on some of the forest reserves. The college will have over 1,500 enrollment this year.

(Continued on page 3)

The M. A. C. RECORD

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CHAS. HENLEY, MANAGING EDITOR

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TUESDAY, OCT. 5, 1909.

SCIENTIFIC vs. CLASSICAL EDUCATION.

BY W. J. BEAL, PH. D., D. SC.

Fifty years ago the main studies for the universities, including Michigan and Harvard, consisted of Greek, Latin and mathematics. These were known as the three main "grinds."

The University of Michigan, fifty years ago, had an enrollment of 430 students, including those studying medicine. At the same time Harvard, a much older institution, with departments of medicine, law, divinity, as well as the sciences, literature and the arts, all told had about 800 students. In both these schools science was just beginning to get a foothold.

At this time a university education was not popular with the masses. It was not practical. Figures show that patronage was small. But as the universities began to introduce chemistry, physics, engineering in various lines, and philosophy in the broad sense as college men know it, the people from the outside began to awaken. "Here is something for us worth while," they said.

Today, per 1,000 population there are not far from four times the number of students, and it has come about largely from increased attention given to science. Some of the older agricultural colleges also have exerted a great influence in the same direction.

There was for a long time a sharp contrast, so many teachers maintained, between the results attained from the study of the classics and the sciences. President Elliot, of Harvard, a wide influence in favor of scientific education, claimed that this was a mistaken notion; that there was as much power and culture to be attained from an equal pursuit of science as from the classics. It had been customary to spend between four and five years in the study of Greek and Latin. During that time the student was supposed to have exhausted the subject to all ordinary purposes. Equally comprehensive study of the sciences could be completed in about three years. Here is one of the important places Dr. Elliot fills as an educator. He advocated that an extra two years be spent in research, and claimed in recompense the same power, culture and polish as could be gained from five years spent in Greek or Latin.

The classics are gradually falling out of the university courses. In 1858 there were 30 men in these courses in the University of Michigan, and in 1900 the male student enrollment in them had increased to 33. During the fifty years from

1859 to 1909 the total enrollment had increased from 430 to 5200; more than ten-fold. These figures show plainly that the classics have not kept pace with the other courses.

As early as 1870 there was more time required to the study of botany in the Michigan Agricultural College than in any other college in the United States. Yet this college was not alone in her efforts at pushing the sciences to the front. All the so-called "land grant" colleges have exerted a wide influence on the universities. The trend has been toward the "heart and hand" process, and the laboratory method is the important feature of present day education.

GOVERNOR DAVIDSON WILL PRESIDE AT NATIONAL DAIRY SHOW.

President W. H. Taft will open the National Dairy Show in Milwaukee, October 14, and Governor James O. Davidson will preside at the ceremonies. President Taft, it is believed will send a message to the dairy interest of the country when he touches the button which will set the machinery in motion. Mayor Rose will deliver the opening address and Colon C. Lillie, Coopersville, Mich., President of the National Dairy Show association, will respond. Congressman W. J. Cary, and W. H. Stafford, Milwaukee, will be present, and Senators R. M. La Follette and Isaac Stephenson will also be on the stage at the opening.

Several members of the party of Japanese representing the commercial bodies of Japan will visit the National Dairy Show at Milwaukee, October 14 to 24. Baron Kanda, professor of the school of Peers, and a leading agriculturist of the Mikado's kingdom, along with others of the imperial delegation, will be a visitor at the show for the purpose of purchasing a large number of specimens of every breed for exportation to the leading dairy farms in Japan.

Jacoba Irene, who holds the world's records among Jerseys, will be in the show of dairy cattle at the National Dairy Show in Milwaukee, October 14 to 24. Jacoba Irene rounded out last year with a record of 954 pounds of fat to her credit. She is owned by A. C. Auten and commenced her world's conquering career by freshening December 11, 1905, and in the succeeding twelve months gave 11,391.1 lbs. of milk containing 619.9 lbs. of fat, average test 5.44 per cent. She freshened again December 10, 1906, and during the ensuing year gave 14,255.7 lbs. milk containing 792.1 lbs. fat, average test 5.55 per cent. Thirteen and one-half months later January 28, 1908, she freshened again and her record for this third year is 17,253.2 lbs. milk containing 954.1 lbs. fat.

NOTICE TO EMPLOYERS.

All employers who have work suitable to students can be accommodated immediately by calling phone 10173 from the city and 173 from college. Give the following: Your name, your address, telephone number, character of work, when you wish it done.

Y. M. C. A.

Y. M. C. A. NOTES.

THE BIBLE COURSE.

In order to further promote the Christian phase of college life the Y. M. C. A. has organized a series of courses in Bible study. These are arranged into four separate studies and based upon the previous work of the student. Text books will be furnished at a very small price to all who wish them. They are a very commendable set, well arranged and particularly adapted to the needs of the college student.

The courses are as follows:

- I. "Studies in the Life of Jesus Christ."—A. J. Bosworth.
- II. "Life of Paul."—Leacock.
- III. "Work and Teachings of Earlier Prophets."—Kent and Smith.
- IV. "The Social Significance of the Teachings of Jesus."—J. W. Jenks.

Classes in each of these courses will be held at 8:20 of each Sunday morning. About 300 students are expected.

Prof. French called the attention of the class that met Sunday evening in Chapel to the necessity of Bible study. He mentioned several instances to show that the high schools of the country were failing to use the Bible in the regular courses. He showed the necessity of such a study from a literary, legal, historical, and aesthetic as well as moral standpoint and made a splendid appeal for its use among college men and women.

THE EMPLOYMENT BUREAU.

The work of the college employment agency is making very good progress. Already a considerable number of positions have been filled. The RECORD has been requested to make a notice of such a bureau which it takes pleasure in doing, and hopes to be able to cooperate in every way with this kind of work. Such departments as free employment bureaus are sure to encourage the growth of any institution.

COMPARATIVE STATEMENT

Of the Sales, Purchases and Expenses of the M. A. C. Co-operative Book Buying Association for the Years 1908-1909.

Mdse. sold.....	\$19,432 47
Expense	1,496 43
Inventory	3,111 22
Membership certificates, 419 @ 75c.....	314 25
	\$24,354 37
1908-1909.	
Mdse. sold.....	\$22,854 15
Expense	1,536 39
Inventory	2,999 56
Membership certificates, 466 @ 75c.....	349 50
	\$27,739 60

EXPENSE.

	1907-1908.	1908-1909.
Insurance..	\$50 00	\$50 00
Freight....	350 65	375 53
Salary.....	847 53	897 60
Exchange..	17 50	18 60
Telegraph ..	19 25	19 66
Rent.....	175 00	175 00
Furniture..	36 50	
	\$1,496 43	\$1,536 39

J. SCHEPERS, Auditor.

PROCEEDINGS OF THE ENGINEERING SECTION OF THE BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, WINNIPEG MEETING.

BY GEORGE W. BISSELL, M. AM. SOC. M. E.

From Engineering News, Sept. 9, 1909.

The British Association for the Advancement of Science held its 79th annual meeting in Winnipeg, Man., during the week Aug. 25 to Sept. 1, its fourth meeting outside the British Isles. The previous foreign meetings had been at Montreal, Toronto, and Cape Town; the last meeting on this continent was in Toronto in 1897.

The Engineering Section of the Association held five sessions. Their proceedings are briefly reviewed in the following. The section was headed by Sir William H. White, whose presidential address fittingly inaugurated the meeting. He reviewed at length the progress and achievements of Canada in railways, waterway improvement, navigation and waterpower development, setting forth the rapid development which Canada has accomplished in all these lines of activity.

"Hydroplanes or Skimmers," by Sir John Thornycroft, was read by the secretary, the author being absent. The paper reported the results of experimental work on models and small vessels. These investigations have immediate bearing on the design of motor-boats, in which at high speed there is frequently a tendency to dancing or plunging, which may be very dangerous. Mr. Thornycroft obtained very satisfactory results, so far as steadiness is concerned, with a 22-ft. boat, which was fitted with a small plane attached to a downward extension of the stem or forward deadwood, parallel to the bottom surface of the boat at its center or greatest section, but about 1 in. below this surface; and this although offering little resistance at starting, as the water can flow over it, affords the necessary stability to keep the boat at the right angle for skimming.

(Concluded in next week's issue.)

HELP US KEEP IN TOUCH WITH ALUMNI.

The RECORD will be pleased to receive news from all alumni and friends of the college who may at present be out of touch with the work going on here. If you know any old student or alumnus whom you think it is possible we have lost kindly let us know of his whereabouts. A new alumni catalog is being compiled, and any news will be highly appreciated for it, as well as for the RECORD.

A CHEMICAL ROMANCE.

Said Atom unto Mole Cule. "Will you unite with me?"
But Mole Cule did quick retort, "There's no affinity."
Beneath electric lamp-light's glare poor Atom hoped he'd meter.
But she eloped with a rascal base—and her name is now "Saltpetre."
A. WRIGHT in *Things Chemical*.

A CONSTANT STREAM OF NEW THINGS

CHARMING, EVERY ONE OF THEM

WE started this fall with an even more extensive showing than ever before. As you glance over hundreds of styles you will quickly see that there is a decided tendency toward closer fitting garments and coat dress effects; also that the dominant feature in everything is the Moyen-Age Effect—the newest, oddest, most attractive style introduced in years. Colors were never prettier, and there are enough fashionable shades for everyone to find a becoming one. There seems to be almost a passion for all tones of Violet, from the deepest purple to the softest shades of Lavender. Raisin is good; Catawba Blue, Black and Grey.

Beautiful New Furs

Our line of Women's and Misses' Furs were never more complete than now. All the latest and newest things in Muffs, Scarfs, Fancy Sets, Fur Coats, at a great saving in price.
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COLLEGE BUS HEADQUARTERS

ALUMNI.

(Continued from page 1.)

'03.

J. A. Frazer, '03 civil, at present bridge designer for the Chicago, Milwaukee & St. Paul Ry., has been making a visit with his parents in this city. His business office is at the Railway Exchange, Chicago.

'04.

Mr. Geo. E. Martin, '04, is with the Illinois Steel Co. in South Chicago. Address 6447 Washington Ave., Chicago.

'06.

Mr. Louis M. Spencer, '06, sends greetings from division 4 of the patent office, Washington, D. C., wishing the college continued prosperity and increasing attendance.

Frank D. Linkletter, '06, recently sent from Kuna, Ida., three packages of rare weed seeds to Dr. Beal for the botanic department. In the accompanying letter he states that all have some flowering propensities, but were hardly worth growing for that purpose alone. One, however, is of more pronounced value that way than the others, as it is a very pretty wild desert flower on the fox-glove order, blue in color, and grows to a height of twenty inches. The names of these plants are as yet unknown.

'07.

L. N. Hayden, '07, civil, is employed on the Detroit tunnel with the Butler Bros. Construction Co.

W. D. Towner, '07, and A. W. Sherman, with '07, but who later graduated from the university, are at present in California. W. S. Towner is in Los Angeles, and Mr. Sherman is teaching in the high school of Santa Monica.

A very pretty ceremony occurred recently at the Kenyon home, south of Portland, Mich., when Mr. William E. Piper, '07, was married to Miss Alma Kenyon, '07. The wedding is the outcome of college acquaintance, which was formed early, and is wished a lifelong and very happy union by the college. After leaving the college Miss Kenyon became domestic instructor in domestic science at Piedmont, S. C., and Mr. Piper took up the duties of instructor at Cornell, which position he is now holding. They will make their future home at Ithaca, N. Y.

'08.

Miss Grace Warner, '08, is spending her second year in the domestic science department of the Onowa, Iowa, high school. She is well pleased with her work there.

Mr. Jay Baker, with '08, extends greetings from Starkville, Miss. He is with the dairy division of the bureau of animal industry in the U. S. department of agriculture.

Henry M. Conolly's ('08) address has been changed from 2311 Eberly avenue, Chicago, to 3858, same street. He is still holding his position of landscape gardner for Leesley Bros., and is having good success.

J. R. Dice, '08, writes that he has traveled more than 2,000 miles since August 1st, giving extension demonstrations and lectures, and has just lately taken up university work. He is instructor in animal husbandry at Orono, Maine.

Herbert M. Rouse, '08, who had been employed by the Young Construction Co., was lately thrown temporarily out of work through the company's delay in closing a

contract. Several other positions began to present themselves, and after an interview with the superintendent of schools at Riverside, Cal., he was assured of a good position as instructor in manual training. Before a contract had been closed, however, Mr. Rouse was offered a better salary by the California Development Co. as instrument man and accepted. He is now in the Imperial Valley.

'09.

Mr. Myron Bowerman, '09, is at present employed with the Western Electric Co., Morton Park, Ill. P. O. box 143.

Don't forget the Liberal Arts Union.

BORN—To Mr. and Mrs. O. K. White, '07, Sept. 23, a girl. Name, Nina Alice.

What is the favorite recreation of Cook and Peary? Polo.—*Moderator Topics.*

Two games this week: Thursday, Detroit College; Saturday, Alma College.

LOST.—Somewhere between post-office and Abbot Hall a \$5 bill. Finder return to S. S. SMITH, 135 Abbot, and receive reward.

Miss Hearty Brown has recently received an appointment in the U. of M. as assistant in rhetoric. She is working for a master's degree and is doing this work in connection.

The Liberal Arts Union offers the best grade talent that travels. Mme. Rita Fornia has sung with Coruso. She will be here with the Kalnsborn String Quartette, Oct. 10.

VOLUNTARY BIBLE STUDY AMONG THE STUDENTS OF NORTH AMERICA.

SUMMARY OF REPORTS FOR COLLEGE YEAR 1908-1909.

32,251 men continued in Bible classes for two months, or longer, in 539 institutions.

2,998 different Bible study classes were reported from these institutions.

4,642 non-Christian men from 239 institutions were reported to be enrolled in Bible study classes.

689 men from 85 institutions were led into the Christian life through Bible study.

12,280 men were reported to be engaged in personal daily Bible study.

4,939 fraternity men were enlisted in Bible study classes.

251 normal classes for Bible class leaders were conducted in 176 institutions.

2,207 Bible class leaders received special normal training.

1,498 faculty men in 393 institutions were reported to be co-operating actively in the conduct of voluntary Bible study.

In 382 institutions prominent students were reported to be studying in Bible classes as follows:

Prize and scholarship men	885
Editors of college papers	696
Class presidents	795
Members of college glee club	1,383
Members of varsity baseball team	1,271
Members of varsity football team	1,445
Members of varsity track team	958
Members of varsity basket ball	535
Members of varsity crew	70

Man is dust; dust settles.
Moral: — — —

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Music Thursday, October Seventh

From eleven a. m. until one p. m., and two till five p. m., by Lansing's celebrated Bijou orchestra, the finest musical organization in this part of the state. Come and enjoy the music, and see the store at its best.

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PROGRESS OF EDUCATION

Cornell gets an endowment providing an annual prize of \$100 to the student who writes the best poem.

Pres. Schurman of Cornell says that German schools lead all other countries in research work.

Columbia has a football game of 300 on a side: freshmen vs. sophomores. That makes us think of our freshmen days.

The fuel supply of the world has recently been greatly enlarged by the discovery of a method whereby alcohol can be distilled from sawdust at a cost of 14 cents per gallon.

From 1885 to 1895, 12 per cent. of the graduates of the New York University chose teaching as a profession. From 1895 to 1905 23 per cent. made such a choice.—*Journal of Education.*

An electrician in the Union Pacific shops at Omaha has equipped a locomotive with a wireless device which railroad men assert will enable train dispatchers and station agents to signal engineers between stations.

The first woman to be graduated from a Jesuit university was given the degree of bachelor of sciences at Marquette University there recently. The woman thus honored was Miss Grace Womack of Michigan.

There are 50,000 towns in the United States. They have over 600 colleges and academies for women, 700 institutions of charity and 300 parochial schools. Looking orphans, patients, stray waifs and aged people to care for, 70,000 girls in their colleges and academies and 800,000 children in their parochial schools.

Sixty-nine per cent of those whose names appear in "Who's Who in America" are college graduates. Since less than one per cent of the total population goes to college, this shows that the college gradu-

ate's chance of making a name in the world is as 69 to 1. Therefore the question of a college education is an important one. Scarcely less important is the choice of the college one will attend.

Following experiments covering a period of more than twenty years, Dr. Louis J. Smith of South Bend announced that he has discovered a substitute for chloroform, which contains no cocaine. During the last few weeks he has seen his discovery tested at Epworth hospital, this city, even to performing an operation for appendicitis, Dr. J. B. Greene of Mishawaka being the surgeon in charge. The tests in every way are reported to have been successful.

NOTICE.—All persons corresponding with this college relative to subscriptions to the RECORD should address same to M. A. C. RECORD.

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SHUBEL'S SHOE STORE.—210 Washington Avenue North. Repairing done by electricity. Student patronage solicited.

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