

# The M. A. C. RECORD.

MICHIGAN AGRICULTURAL COLLEGE.

VOL. 17.

EAST LANSING, MICHIGAN, TUESDAY, JUNE 4, 1912.

No. 35

## OUR DEBATING TEAM.



E. HART



G. COCHRAN



A. MARGOLIS

### THE M. A. C.-YPSI. DEBATE.

On Saturday evening will occur the annual debate with Ypsilanti, held in the pavilion of the Ag. building. Our team, composed of Messrs. Cochran, Margolis and Hart, will handle the affirmative of the question of a graduated income tax, and we believe we have the strongest team in years. It is up to students and college people in general to turn out Saturday night, at 7:30, and give loyal support. Our team is composed of men with considerable experience, and we are confident that M. A. C.'s interests will be well cared for. Mr. Cochran will close the debate with a seven minute rebuttal.

Ypsilanti will be represented by Messrs. J. E. Luidens, G. A. Clumpner and J. V. Wigle. The judges for the evening will be Mr. F. B. Buck, of St. Johns; Mr. E. T. Bishop, of Lansing, and Mr. Lawton T. Hemans, of Mason.

### U. OF M. BEATEN IN THIRD GAME.

For the third time this season, the University suffered defeat at the hands of the M. A. C. boys on Memorial Day, the final score being 8 to 3. The day was ideal, about 100 loyal rooters accompanied the team, and a joyful bunch it was on the return. It would seem that the home team is gathering new strength with each contest with the big college. In the series played, the team won the first, on our home ground, 7 and 6; in the second, at Ann Arbor, 5 and 1; and lastly, 8 and 3, also on Ferry field.

The University team started strong, getting two runs in the first on a walk to Howard, a fielder's choice, and a hot one by Lavans, just out of reach of Griggs. One more in the fifth closed the scoring so far as the U. of M. was concerned.

Corbin started the pitching for the university, and fanned three men in rapid fire order. In the second the home team started the fun, and with a couple of hits and a sacrifice the first score was tallied. Several hits were responsible for two more runs in the third. Corbin was retired in the fifth, after being hit rather savagely, and allowing two men to walk. Baribeau then took the box position, but to no avail, for the boys had started and couldn't be induced to stop until four more scores had been registered. For good measure another was added in the ninth, and the game, as well as the series, was "all ours."

Dodge, the left handed pitcher, played a great game, allowing but four hits and getting eight strikeouts. He also secured three hits out of four times at bat. The batting of the home team was one of the great features, fifteen hits being made off the two pitchers put up by their opponents.

Innings	1	2	3	4	5	6	7	8	9
M. A. C.	0	1	2	0	4	0	0	0	1-8
Michigan	2	0	0	0	1	0	0	0	0-3

Runs—Bradley (2), Gorenflo, Mogge, Griggs, (3), Dawson—8; Bell (2), Munson—3. Two-base hit—Dodge, Harvey, Bradley. Three-base hit—Griggs. Struck out—By Dodge, 8; by Corbin, 1; by Baribeau, 5. Bases on balls—Off Dodge, 4; off Corbin, 3. Stolen—Mitchell (2), Lavans. Sacrifice hits—Gorenflo, Dawson, Beel, Mitchell. Passed balls—Bibbins, 2. Wild pitch—Dodge. Umpire—Mac Conachie.

### OLIVET WINS SATURDAY.

The Olivet team came back strong, and defeated M. A. C. on the home field Saturday, 2 to 0. The game was quite largely a pitcher's battle, both Spencer, for M. A. C., and Sanford, for the visitors, doing excellent work. Except for the third, each team was given a string of zeros. This proved the fatal inning for the home team, when, by a series of

combined hits and errors, the visitors won the game.

Royal, Olivet's first man up in 3d, got a life on Bradley's error, and was forced at second by Nelthorpe. The next man hit safely, advancing Nelthorpe. The next man up fanned. Sanford, Olivet's pitcher, secured a hit, scoring Nelthorpe. Bibbins attempted to catch Sanford on first, but threw wild, and Olivet's second score was made. Sanford was immediately put out on third by Bradley.

Seldom has there been a more heady pitcher at M. A. C. than Sanford. Though M. A. C. had men on bases frequently, and Gorenflo was walked four times, he never seemed to worry for a moment as to the outcome.

Spencer was also in fine form, and struck out ten men to his opponent's seven. The feature of the game was Dawson's catch of Price's long fly in the fifth. The home team was not up to their usual batting form, and are charged with four errors.

Two-base hit—Rogge. Left on bases—Olivet, 1; M. A. C., 8. First base on balls—Off Sanford, 4. First on errors—Olivet, 2; M. A. C., 1. Struck out—By Spencer, 10; by Sanford, 7. Hits off Spencer, 4; off Sanford, 3.

Dean Bissell has just received his April issue of Directory of Graduates and former Students of Engineering. It is quite a complete roster of our engineers, and a valuable pamphlet to all interested in any way in the college. The list is arranged alphabetically, and, in addition, a geographical list is also given.

Following the ball game on Saturday, the annual society one-half mile relay was pulled off. The Eunomian team were the winners, and the Union Lits. a close second. Messrs. Bishop, Gauthier, Harvey and Andrews composed the winning team.

## ALUMNI

'64.

In a recent issue of the RECORD, we spoke of Albert F. Allen, '61, as being the oldest living graduate. Mr. Allen was a member of the first graduating class, and it was thought he was the oldest of any class. A letter from Louis Vanderbilt, of Phoenix, Ariz., corrects this statement. Mr. Vanderbilt, who graduated in '64, and is still an active farmer of that place, is now in his 79th year, and enjoying good general health. We are glad indeed to hear from Mr. V.

'81.

Carleton R. Dart, assistant chief engineer, Sanitary District of Chicago, has changed his location to 706 Greenleaf Ave. Business address, 1500 76 W. Monroe St.

'01.

Under the supervision of Dean Hugh P. Baker, '01, Syracuse University offers a summer course in forestry, beginning July 8 and closing August 16. The courses offered are for teachers and others who are interested in conservation, and who wish to become better acquainted with the many phases of the forestry question, and especially with the problems in New York state.

'02.

Harry L. Brunger, formerly with the Seager Engine Works, Lansing, is now in engineering work at Laporte, Ind. His address is 205 Jefferson St.

'07.

We are indebted to E. L. Grover, of Greensburg, Ind., for a picture of the Lone Tree Tower Court House, at Greensburg. A soft maple tree is growing out of this tower, 154 feet above the ground, and is a "freak of nature." The covering of this tower is of limestone, and the tree is growing from the opening between the layers. Mr. Grover is in charge of the departments of botany and chemistry, including, also, the work in agriculture and if he remains another year will also fill the position of city tree inspector.

'10.

J. L. Shaw is now with the Portland Railway, Light and Power Co., of Portland, Oregon. His work is under E. D. Searing, '02. Mr. Shaw was formerly with Sargent & Lundy, engineers, of Chicago.

'11.

Frank Campbell, with '11, one of M. A. C.'s star football men, was married on Saturday, May 5, to Miss Matilda Andrews, of Traverse City. Mr. and Mrs. Campbell are at home at 231 24th street, Milwaukee, where "Old Ironsides" has a position in the public schools as teacher of manual training and director of athletics.



## The M. A. C. RECORD

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B. A. FAUNCE, MANAGING EDITOR

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TUESDAY, JUNE 4, 1912.

### CLOSING FESTIVITIES.

The closing of the year's work was manifest last evening, when the sedate seniors made their first appearance in cap and gown.

On the evening of June 13, the freshmen and preps will burn caps, the regulation bonfire will be lighted, and the senior program carried out.

Friday evening, June 14, has been appointed for society reunions, and the following day the seniors will go to Pine Lake for the annual picnic. On the evening of the 15th, at 8:00 p. m. will take place the faculty reception to the seniors and their friends.

On Sunday, June 16, the baccalaureate sermon will be delivered by Dr. John Knox McClurkin, of Pittsburg. This service will take place at 3:00 o'clock. In the evening will be held the Y. W. and Y. M. C. A. reunion.

Monday, June 17, will be class day, and at 9:30 a. m. the regular exercises of the senior class will be held. At 8 p. m. Pres. and Mrs. Snyder will give a reception to the seniors and their friends.

Commencement exercises will be held as usual in the armory at 10 a. m. on June 18. President Albert Ross Hill, of the University of Missouri, will be the speaker of the day. The exercises will be followed by a luncheon in the Women's Building at noon, and in the evening will be held the annual society reunions.

M. A. C. will graduate the largest class in the history of the institution, there being some 165 members. It is expected that a large number of alumni and friends will be here for the commencement, at least.

### RESOLUTIONS.

*Whereas*, The question of changing the name of our alma mater has come up for discussion before the student body, and

*Whereas*, The present name is inadequate to represent the college and its five different courses of study as it is today, and

*Whereas*, The name State College is one commonly applied to colleges of our class, be it

*Resolved*, That the Michigan Alpha Chapter of the Tau Beta Pi Association heartily endorse the change of name of our alma mater to "Michigan State College." And be it further

*Resolved*, That a copy of these resolutions be sent to the Michigan State College Association, the M. A. C. RECORD and the *Holcad*.

R. J. TENKONOHY, Sec'y.

L. J. KNAPP, Pres.

Adopted May 22, 1912.



At the North End of Gatun Locks, Canal Zone.

In writing Dean Bissell, G. A. Barcroft, '10, now at the Canal Zone, encloses a series of interesting photographs of the Gatun Locks in the big canal. One is taken in the north end of the locks looking north toward Colon, seven miles distant. A second is looking up the east chamber with a steel gate under

construction in the distance, and number three gives an idea of the method of constructing mitre gates, one set of which is practically completed. Mr. Barcroft has just been transferred from the general service to the fortification work at Toro Point and finds the new work very interesting.

### THE BLANKET TAX.

The substitute report of the committee on "blanket tax" was adopted at a recent faculty meeting, and will now be acted upon by the Board. In substance, the report provides for a fee of two dollars per term (\$6.00 per yr.), to be collected from each regular student of the college; 80 per cent. of this amount to be devoted to athletics and 20 per cent. to liberal arts. Not over three-twentieths of the latter amount is to be used for public speaking.

This arrangement would give to all students free admission to all home athletic events. It would also provide admission to all home public speaking events, the May Festival, and to such other entertainments and lectures as it may be possible to provide.

This arrangement seems a good one, as it would do away with many embarrassing situations now existing, would place these activities on a firm basis, and best of all, would bring loyal support by the student body into each of these events.

### STAG PARTY.

Last Wednesday evening there assembled on the fourth floor of the agricultural building a representative crowd of college fellows for the best time in the history of Y. M. C. A. stag parties. The entertainment centered about a track meet, bubbling over with nonsense and featuring such events as the standing broad grin and chewing match. Refreshments, consisting of strawberry shortcake, cocoa and sandwiches, were served, while Messrs. Hutchins and Badour favored the gathering with a piano duet. The Y. M. C. A. is to be congratulated upon the success of an affair bringing the men into closer touch with one another and for such a good time, and it is to be hoped that the policy will be continued.

'09.

Max L. Tower has received the nomination for the office of secretary and treasurer for the Detroit Society of Chemists.

### SPECIAL INSTITUTE TRAIN.

The Agricultural College, under the direction of the Department of Farmers' Institutes, will run a special train through the central and northern part of the state during the latter part of June.

The Detroit & Mackinac, and portions of the Michigan Central, Grand Trunk, and Ann Arbor roads will be covered, stops for about ninety minutes being made at the various points. There will be three coaches and three or four baggage cars. Lectures upon a variety of topics including alfalfa, dairying, fruit growing, beekeeping, and various phases of general farming will be given.

The baggage cars will be filled with exhibits which will be used to illustrate the lectures, and for demonstrating the use of machinery of various kinds.

For the last six years one or more institute trains have been run annually, and the interest has increased each year. Farmers who live within driving distance of stations where the train will stop should avail themselves of the opportunity of listening to the lectures and inspecting the exhibits.

### ED. SMITH GETS FINE POSITION.

Saturday morning Mr. Eustace, of the Hort. Dept., received a telegram from the Minister of Agriculture of British Columbia, offering to Mr. Edwin Smith a position just created by his department, the duties of which will be to inaugurate and carry on experiments in the handling, transportation, pre-cooling and cold storing fruit.

The horticultural interests of this province are developing very rapidly, and they already feel the need of investigations along this line. The position gives Mr. Smith an unusual opportunity, and we congratulate him upon his good fortune in securing it; and also the British Columbia department in securing one of our best senior horts.

Mr. Smith is requested to report for duty as soon as possible, at Victoria.

### SEED EXCHANGE.

In an attempt to secure seedlings of woods which would thrive in Michigan, Prof. Sanford, of our forestry department, has inaugurated a seed exchange which promises good things. This exchange was started about a year ago, and has been carried on with nearly all the western forestry districts. Those from whom seeds have been secured are as follows:

Dist. No. 1, in the vicinity of Missoula, Mont., has sent seeds of the Douglas fir, western white pine, fox tail pine, western spruces and larches.

No. 2, coming from Denver, Colo., has contributed the Rocky Mountain Oak, Colorado blue spruce, and western yellow pine.

No. 3, from Albuquerque, New Mexico, comes seed of the one-sided juniper, Arizona cypress, alligator juniper, western yellow pine, Douglas fir and fox tail pine.

No. 4, the San Francisco district, sends sugar pine, California juniper, big tree, red wood and red fir seeds.

From No. 6, represented by Portland, Ore., the department has received seeds of western white pine, sugar pine, and larch, Engelmann's spruce, shasta fir coming from Mt. Shasta, Sitka spruce, the seed of which came from southern Alaska, Port Orford Cedar and Amobilis fir.

In carrying on this exchange, the department has sent quantities of seedlings and seeds of the pine of eastern U. S., of hemlock and spruce. This spring quantities of silver maple, red maple, and white elm are being sent to these various forests.

It is planned eventually to have a complete representation of the hardy species for the U. S. growing in the forest nursery.

It is planned to carry this exchange further, and this fall include all of the valuable hardwoods, including oak, hickory, basswood, etc. The department will also attempt to secure from the various nurseries seeds of the popular ornamental sorts of trees which cannot be secured by exchange from these forest districts.

The Hort. seniors are on a trip of inspection, Monday and Tuesday of this week, visiting the Monroe nurseries and the Farnsworth farm, near Toledo. These are not merely visits, but each student is required to make a complete plan of each farm visited, and to study them by fields. Conditions and handling of soil, crops planted, cover crops, fertilizers, etc., are all noted for future reference, and gives the student a very good idea of some of the essential factors in successful fruit farm management.

The students in electrical engineering will hold open house in the engineering building on Wednesday, Thursday and Friday of this week, from 4:20 to 9:00 p. m. At this time an opportunity will be given to faculty, students and others interested to inspect our wireless outfit, and ask questions concerning same. The big Panama relief map will also be on exhibition, and some one on hand to explain same. J. E. Rork, '11, will also have on exhibition one of his outfits for oxy-acetylene welding, which will be of special interest.

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## ABOUT THE CAMPUS

Dr. Giltner is absent for a week, looking after his duties as state veterinarian.

Misses Edith Caldwell and Catherine Benham were among the guests at society parties last week.

Messrs. Hunter Hammond, '12, and Russel Ferguson left last week for Arizona, where they will spend the summer.

Plan now to attend the big debate on Saturday. Let's all go to the field and root for our baseball team, and then in the evening root just as consistently for the debating team.

The annual band banquet is being held tonight in the Chamber of Commerce hall, under the management of the Hotel Downey. A number of excellent toasts has been prepared, and a general good time anticipated.

T. J. McCarthy, '11, instructor in horticulture at Madison, Wis., under Prof. James Moore, '03, is doing fine, and thoroughly enjoys Wisconsin and his work in the university. Mr. McCarthy was our popular catcher on the baseball team last year.

A farewell party was given at the home of Mrs. Bogue, Wednesday evening, in honor of Miss Lillian Kendall, of the book store, and Miss Kittie McDonald, of Dean Shaw's office. Both of the young ladies are leaving M. A. C. this spring. Eighteen young women were present and a most enjoyable evening was spent.

The Sororians gave a very pretty spring term party in the Armory Saturday night of last week.

The 1912 Wolverine has just put in an appearance and is certainly a fine piece of work. The volume is dedicated to our librarian, Mrs. Linda E. Landon.

After a week's work in our chapel Mr. Howard and his painters have made quite a transformation. The walls have been repainted and decorated, and made to look several per cent. better.

G. H. Osborne, '11, was a college visitor Friday. He has just been transferred from the Detroit to the Chicago office of the American Blower Co., Detroit, and when here he was on his way to Chicago to assume his duties at that point.

Ion J. Cortright, '11, at Libby, Mont., writes Mr. Macklin that himself and one of his friends expect to leave, about Sept. 1, for a trip to Europe, and they hope to encircle the globe. They will take a year for the journey, stopping at a number of places long enough to remember them well.

There will be given at Syracuse University during the coming summer a series of lectures on agricultural education. Prof. French is scheduled for three addresses on Aug. 7 and 8. A special two-day program has been arranged for Aug. 9 and 10. Among those who will speak are D. J. Crosby, '93; H. P. Baker, '01; L. H. Bailey, '82, and others.

Two weeks from today is commencement day. The seniors are already beginning to feel homesick.

We were unable to get a transcript of Mr. Garfield's talk when here on his recent visit in time for this issue. A full account will be given next week.

The seniors appeared for the first time in the annual "swing-out" Monday evening. The band gave a concert in honor of the occasion. The class will appear "in uniform" during the remainder of the term.

John Johnson, our former baseball manager, is with the State Board of Forestry, and located at Sacramento, Calif. He leaves soon for the region of Mt. Shasta, where he will stay perhaps three months, doing field work.

It would be hard to find a more beautiful spot than the college campus is just now. The abundance of rain, followed by a few warm days, has been responsible for the rapid pushing out of leaves and shrubbery, and our visitors especially are loud in their praises of our beautiful grounds.

Six of our instructors—Messrs. C. W. Brown, R. D. Penney, H. H. Musselman, H. Hensel, W. S. Bittner, and E. G. Fischer, spent three very enjoyable days the past week on a canoe trip. With three canoes, tents and provisions, the party left Lansing Friday morning, and traveled as far as Ionia, covering about 100 miles. The men report a most delightful trip.

Mrs. V. T. Wilson entertained a large number of friends at her home on Grove street, Friday afternoon.

The Sesame held their spring term party in the Agricultural building Saturday evening. Prof. and Mrs. Clark and Prof. and Mrs. Chapman were patrons.

The Delphic Literary Society, with their friends, spent a delightful day at Pine Lake, Saturday. Prof. and Mrs. French and Prof. and Mrs. Kunze attended the young people.

C. M. Krentel and Messrs. Haligan and Schepers have broken ground for new houses in Oakwood Grove, north of the "Tic House." Mr. Uphof will, no doubt, begin the work on his lot in the near future.

"Bubbles" Hill was married on May 29, to Miss Nona Annafred Hudson, of Benton Harbor. The young people are at home after June 10 at 640 Columbus Ave. Bubbles was one of the greatest half-backs and open field runners M. A. C. has ever seen.

Nine of the Hort. seniors visited the farm of T. A. Farrand, at Eaton Rapids on Friday. The men spent the forenoon in a careful study of the methods employed on this farm, and were the guests of Mr. and Mrs. Farrand at a bountiful dinner. In the afternoon, through the generosity of several Eaton Rapids citizens, automobiles were furnished and the party were enabled to visit several fruit farms in the vicinity.



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### FORESTRY CAMP.

Prof. Baker was at Boyne City the past week, where final arrangements were made for the junior foresters' camp. On account of the trustship of the Ward estate having ceased, it became necessary to make arrangements with another firm for this summer's work. This has been accomplished through the courtesy of W. H. White, president of the Boyne City Lumber Co., who is also president of numerous collateral concerns.

The summer postoffice will be at Vanderbilt, care of the Boyne City Lumber Co., Camp No. 7. The students will be at above camp, which is situated near Thumb Lake in a heavy stand of hard wood timber. The company will carry on active logging operations under the most up-to-date methods, and employs some 150 men.

The maintenance will be carried on in the same manner as on the Ward estate, the members of the forestry camp boarding with the lumber company at their No. 7 camp.

The trustship of the David Ward estate has extended over a period of 15 years or more, but at present operations have ceased, and the estate is to be divided among the several heirs. It is probable that the timber will be shipped in the future and made up in the mills of our cities, rather than in the forest of northern Michigan.

The entire junior class in forestry will proceed to this camp as soon as school closes for the spring term.

K. D. Van Wagenen leaves this week Friday for Cloquet, Minn., where he has a position in the public schools at that place. Van will be in charge of work in agriculture.

The senior girls have open house on Wednesday and Friday of this week, from one to two-thirty o'clock. Demonstrations of problems upon which the girls have been working will be given and a cordial invitation is extended to all college people to visit the laboratories at that time.

The fourth annual banquet of the Hort. Club will be held Wednesday evening of this week. Pres. H. E. Knowlton will be toastmaster, and responses will be made by Prof. Eustace, Mr. Gunson, A. D. Badour, L. M. Hutchins, C. B. Cook, of Owosso, and others. A full report will be given next week.

The June number of *Journal of Home Economics* publishes an article on "The Lunch Basket Problem," which was presented by Prof. Agnes Hunt at the Washington meeting of the American Home Economics Association, December, 1911. The experiments reported in this article were carried on by the Misses Jeffery and Palm, at M. A. C., during their senior year, 1911.

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A very interesting and enjoyable inspection trip was made by the senior girls last week, when a journey was made to Battle Creek. The public schools, sanitarium and Postumville were all visited, and the work of each thoroughly inspected. Mrs. Peppard and Miss Casho accompanied the girls.

The month of May was remarkable for its rainfall, breaking all records in this respect. Previous to 1912 the record for May rainfall was 5.92 inches in 1892. During the past month a total of 6.58 inches has been recorded, making a new record for May. The normal fall for that month is 3.58 inches.

A committee of the men's class of the People's Church are planning for a public meeting on Tuesday, June 11, at 8 o'clock p. m., to stimulate interest in the civic improvement of East Lansing. Several men will be present to discuss the various phases of the work. Among the speakers will be Prof. Halligan, Dr. Bruegel, Prof. Baker, and Mayor Gunson. Everybody is invited to attend.

The detailed programs for both the summer school of agriculture and for the home economics division are now in the hands of the printer. Quite a large number of registrations have been made, and indications are bright for a good attendance. It would be well for the alumni who plan to attend to write Sec. A. M. Brown as early as possible, so as to make the necessary arrangements for accommodations at that time.

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THE MAPES CO.—Hart, Shaffner & Marx Clothes and Men's Furnishings. 207-209 Washington Ave. South.

### CROCKERY AND GLASSWARE.

H. H. LARNED.—China, Glass & Lamps. 105 Washington Ave. S.

### DENTISTS.

N. H. MOORE, D. D. S. Office 411-413 Hollister Building, Lansing, Mich. Citizens phone. Automatic 9499.

D. E. PARMELEE, Dentist, 117½ Washington Ave. S., Lansing, Michigan. Automatic phone, office 3402; residence, 3403.

J. E. STOFFER, D. D. S. Office 208-5 City National Bank Bldg. Automatic phone 561; Bell phone 61. Former M. A. C. student.

### DRUGGISTS.

ROUSER'S CAPITAL DRUG STORE. Up to date. Corner store. Opposite Hollister Block.

### DRY GOODS.

J. W. KNAPP CO.—Dry Goods and Furnishings. 220-224 Washington Ave. So.

MILLS DRY GOODS CO.—Dry Goods, Suits, Coats, Waists, Art Needle Work, Etc. 108-110 Washington Ave. South.

### ELECTRICAL SUPPLIES.

CAPITOL ELECTRIC ENGINEERING CO.—Full line of Electrical Supplies, including students' shades and cords, carbon, tantalum and mazda reading lamps. 117 E. Michigan Ave.

### FURNITURE DEALERS.

M. J. & B. M. BUCK.—Furniture. Corner Washington Ave. and Ionia Street. See ad.

### HARDWARE, STOVES & TINWARE.

NORTON'S HARDWARE.—General Hardware, Tinware, Graniteware, Cutlery, Stoves, etc. 111 Washington Ave. S. See ad.

### MANUFACTURING AND HAIRDRESSING.

MRS. O. T. CASE.—Manufacturing, Shampooing & Hairdressing Parlors. Switches made of cut hair or combings, also colored and renovated to look as good as new. The Franco-American Hygienic Toilet Requisites a SPECIALTY. Automatic phone 551. 220½ Washington Ave. S.

### MUSICAL INSTRUMENTS.

GRINNELL BROS.—"Michigan's Leading Music House." High Grade Pianos and Player Pianos, sold on convenient terms. Everything in music and musical merchandise. Lansing Branch, 219 N. Washington Ave.

### PHYSICIANS.

DR. OSCAR H. BRUEGEL. Hours, 7 to 8:30 a. m.; 2 to 4 and 7 to 8 p. m. Sundays, 12 to 1 and 5 to 6 p. m. East Lansing, Mich. Citizens phone 1344.

DR. H. W. LANDON, East Lansing, Mich. Office hours: 7 to 8:30 a. m., 12:30 to 2 and 6:30 to 8 p. m. Sundays, 10 to 11:30 a. m., 7 to 8 p. m. Citizens' phone 9228.

### PRINTING.

LAWRENCE & VAN BUREN PRINTING CO.—210-212 Grand Avenue North. Fine Printing. Both Phones.

ALLEN PRINTING CO.—111 Grand Avenue south. Good printing. Office supplies. Engraved cards, programs, Macey goods, loose leaf books, fountain pens, Bell phone 1094. Automatic phone 4006.

ROBERT SMITH PTG. CO.—Cor. Washington Ave. and Ionia St.

### SHOE REPAIRING.

TRY KENDALL'S SHOP for Shoe Repairing. All work guaranteed. Machine or Hand Sewed Soles. Rubber Heels while you wait. Fine line of Confectionery Walter's old stand, Michigan Ave.

### UNIFORMS.

JACOB REED'S SONS.—1424-26 Chestnut St., Philadelphia, Pa. Makers of "Gold Medal Uniforms."