

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 11.

LANSING, MICHIGAN, TUESDAY, JAN. 2, 1906.

No. 15

A NEW YEAR WISH.

May each morning of 1906 find us with strength for the strife, and may the weariness of evening be without the worry that comrades with defeat.

May the year bless us with wealth, at least with enough for the necessities, with an added bit for books and music, for pictures and travel, and something for him whom misfortune has touched, your neighbor and mine.

May it bring to us fuller and richer ideals of service, of kindness of gentleness and patience and low-voiced struggle—ideals that we shall daily struggle to realize.

May it add to the warmth of our hand clasp, to the sunshine of our smile, to the mellowness of our tones, to the ripeness of our hearts, and become for our friends and for ourselves a red letter twelve-month of service.—THOS. C. BLAISDELL, Pittsburgh, Pa.

Pres. Monroe, of the State Board, spoke before the Portland Science Club in the reading room Saturday evening on Banking.

ATHLETICS.

Following is the financial report of the Athletic Association for the year ending December 31, 1905:

BASKETBALL.	
Receipts.	
Season tickets	\$96 90
Genl. Adm. home games	27 40
Guarantees out of town games	143 96
	<hr/>
	\$268 26
Payments.	
Guarantees to visiting teams	114 14
Traveling Exp. out of town	167 84
Advertising & printing	16 00
Supplies	32 66
Moving chairs, labor and all other	40 00
	<hr/>
	370 64
Net deficit	\$102 38
TRACK.	
Receipts.	
Gate, indoor meets	\$87 39
Season tickets	96 90
Gate, Out Door	203 76
Guarantee trip to Alma	32 00
	<hr/>
	\$420 05
Payments.	
Expense indoor meets	\$62 29
Expense visiting team out door meets	239 10
Expense of team to Alma	41 05
Training table excess	37 88
Rubbing and labor	47 50
Supplies	45 66
Adv. and printing	17 00
	<hr/>
	\$490 48
Net deficit	\$70 43
BASE BALL.	
Receipts.	
Season tickets	\$283 00
Guarantees out of town games	203 26
Gate, home games	933 66
	<hr/>
	\$1,419 92

Payments.	
Guarantees to visiting teams	\$535 78
Expenses of team for out of town games	266 80
Umpires	43 64
Printing and advertising	84 75
Training table excess	82 86
Supplies	352 60
Labor and incidentals	47 80
	<hr/>
	\$1,414 23
Net profit	\$5 69

FOOTBALL.	
Receipts.	
Season tickets	\$519 50
Gate home games	997 95
Box and Bleacher seats	135 55
Guarantees, out of town games	491 35
All other	3 05
	<hr/>
	\$2,147 40
Payments.	
Paid visiting teams	\$558 08
Traveling expense of out of town games	514 87
Officials	83 21
Supplies	236 19
Rubbing and Labor	72 36
Training table excess	148 05
Printing and adv.	53 46
Telegram, telegraph and other	14 95
	<hr/>
	1,681 17
Net profit	\$466 23

GENERAL SUMMARY.	
Cash on hand Jan. 1, 1905	\$276 98
Receipts basketball	268 26
Receipts track	420 05
Receipts baseball	1,419 92
Receipts football	2,147 40
Receipts Ath. tournament	76 00
Receipts circus	322 37
M. A. C. share of M. I. A. A. Field Day	464 48
	<hr/>
	\$5,395 46
Expense basket ball	\$370 64
Expense track	490 48
Expense baseball	1,414 23
Expense football	1,681 17
Expense Ath. tournament	2 55
Donation Wells Hall fire fund	38 00
Expense circus	72 32
Ex. M. I. A. A. field day M. A. C. tax . \$170 00	
M. A. C. bid	250 00
Other Ex.	66 80
	<hr/>
	486 80
Doctor and hospital bills for year	97 50
New bleachers and other improvements on the field	300 60
Bills of previous year paid	140 29
Treasurer's fees	30 00
Financial Sec. 1/2 year's salary	33 33
Cash on hand Jan. 1, '06	237 55
	<hr/>
	\$5,395 46

C. L. BREWER,	
Financial Secretary.	

The past year has been a very successful one, the actual profits being, in round numbers, \$400. This amount has been put back into permanent improvements which has been and will be, the policy of the association. The basketball and track as usual show considerable deficit, football showing the largest profit. Receipts in baseball last

spring were cut down on account of bad weather, so many of our most important games were prevented by rain. The association is now in the best shape in the way of equipment, etc., that it has ever been.

Besides the usual cleaning and repairing in the department during the vacation, the gymnasium floor has been rediagramed for class work and a basket ball floor laid out under the new rules. Two new hand ball courts and an indoor base ball court were also laid out in preparation for the coming winter. The big wrestling mat has been thoroughly cleaned, disinfected, recovered and retufted.

All work will start as soon as the term opens. Several indoor meets have been arranged for and a good basket ball schedule will be presented to the faculty for approval.

Indoor base ball will be only for inter-class work and for the training of the regular outdoor base ball team. General classes in gymnasium will start this term and all are invited to take up the work.

CHRISTMAS AT M. A. C.

Christmas was observed in many homes at M. A. C. this season. In some might be seen beautiful little Christmas trees decorated with tinsel, strings of popcorn and loaded with the toys and other presents so dear, not only to the hearts of the children, but to many older ones as well. These trees, laden with presents and lighted by miniature candles, made a pretty sight indeed. Other homes followed the olden time custom of hanging stockings for Santa to fill, and in such cases Santa scarcely ever disappoints. On Christmas day children were seen going from house to house carrying with them tokens in the form of cards and candy, and expressing their best wishes for a Merry Xmas. The happy day passed all too soon, and young and old settled again to their work and play and to the practice of writing 1906.

The M. A. C. Sunday school held Christmas exercises in the schoolhouse Friday afternoon, Dec. 22, at 4 o'clock. The main room was decorated with evergreens and a tree occupied one corner, upon which were placed some of the presents. The exercises passed off very nicely and at their close the lights were blown out as Dr. Fletcher stated that Santa would arrive shortly. He was soon heard on the stairs and came in pretty well out of breath—and no wonder, for he carried a large basket of goodies and other things which he gave out to the superintendent and others to be distributed among those present. He finally stated that he must be going, but was stopped by some of the children who asked that he "write down" certain things which they desired to find in their stockings Xmas morning. After assuring them that he would look after these requests in good shape, he departed wishing all a very merry Christmas.

ALUMNI.

'02.
Miss Zaidie Vesper, with '02, is a teacher in the grammar schools at Iron River, U. P., Mich.

'01
W. M. Treadwell with above class is a grower and a shipper of the Hubbard squash at Ypsilanti.

'96
Joe S. Barry, a senior medic at the University, toured during the past vacation with the U. of M. Glee club.

'83.
Judge E. F. Law, of the St. Clair Circuit, attended the meeting of circuit judges in Lansing the past week.

'03.
Jesse Churchill has had quite a siege of typhoid pneumonia in a Port Huron hospital, but is much better at this writing.

'03.
Philip Hasty, with '03, a graduate of the Columbian University last spring, is spending the holidays with his mother in the city.

'93.
At the recent meeting of the State Association of Farmers' Clubs held in Lansing, L. Whitney Watkins of the above class was elected president.

'05.
Harriet Toan, with '05, who is domestic science teacher in the privately endowed school at Saratoga Springs, visited at Mrs. Gunn's one day the past week.

'03.
O. J. Dean has changed his address from Detroit to 1641 Monadnock Bld, Chicago. He is still with the Trussed Concrete Steel Co., but has been transferred to the Chicago office.

'06.
E. D. Partridge of Salt Lake City, Utah, writes that he is O. K., but gets to see very few M. A. C. men. He adds that they are, however, interested in the old school.

'02
Fay M. Seeley, with '02, has lately been granted a patent on a valve for controlling oil in gasoline engines. Mr. Seeley is drafting for Olds Motor Works.

Tracy McCallum, who is employed as testing chemist with Park Davis & Co., Detroit, spent the holidays with his mother in Lansing. He reports that he is assistant to C. H. Briggs '96.

'98.
J. L. Kendrick, with the above class, who has been associated with his uncle in the manufacture of vitrified brick at St. Paul, Minn. during the past six months, has gone to Arizona for the winter to take charge of a mining enterprise.

THE M. A. C. RECORD.

PUBLISHED EVERY TUESDAY DURING THE COLLEGE YEAR BY THE MICHIGAN STATE AGRICULTURAL COLLEGE

B. A. FAUNCE, MANAGING EDITOR

ASSOCIATE EDITORS.

E. A. WILLSON, '07.
H. S. CODY, '08.
R. H. GILBERT, '08.
I. E. PARSONS, '07.
K. A. TURNER, '08.
GRACE WARNER, '08.
CAROLINE LAWRENCE, '06.
FLORENCE GILBERT, '07.

Subscription, - - - 50 cents per year. Remit by P. O. Money Order, Draft or Registered Letter. Do not send stamps.

Address all subscriptions and advertising matter to the College Secretary, Agricultural College, Mich. Address all contributions to the Managing Editor.

Business Office with Lawrence & Van Buren Printing Co., 122 Ottawa St. E., Lansing, Mich. Entered as second-class mail matter, Lansing, Mich.

This paper is occasionally sent to non subscribers. Such persons need have no hesitation about taking the paper from the post-office, for no charge will be made for it. The only way, however, to secure the paper regularly is to subscribe.

TUESDAY, JAN. 2, 1906.

Suggestions to Oratorical Contestants is the title of a leaflet by Dr. Edwards and published by the Michigan High School Oratorical Association. The matter is divided into I. The Oration; II. The Subject; III. Preparation; and IV. Delivery. The following sentences will show something of the purposes of this leaflet:

An oration is not an effort after mere display either of fine phrases or fine thoughts.

Oratory is that kind of formal discourse which seeks to impel the hearer to act in the direction of some high and noble purpose which the orator sets forth with impassioned vividness and conviction.

The orator accomplishes his purpose by the process of convincing and persuading.

Two things are to be borne in mind in selecting a subject, 1. your own capabilities and limitations, 2. the requirements of an oration.

No one ever convinces others without himself being convinced. One cannot make others feel unless he himself feels.

Read, not to cull out the fine phrases that others have coined about your subject, but to get the exact facts and all the facts.

(1) Read for facts, (2) formulate your own ideas, (3) compare with the opinion of others. Keep your mind always active.

Try to discover the three, four, or five salient features of the subject matter.

Have your matter absolutely committed to memory.

Cultivate full, clear, accurate, and at the same time, natural articulation.

Seek the criticism of persons capable of giving advice in the matter of delivery and be persistent in practice indoors and out.

MICHIGAN FARMERS' INSTITUTES.

During the month of January the following two day or county Farmers' Institutes will be held in Michigan:

Alcona county, Harrisville, January 5-6.

Allegan county, Allegan, January 25-26.

Antrim county, Ellsworth, January 24-25.

Arenac county, Qmer, January 12.

Benzie county, Frankfort, January 16-17.

Calhoun county, Homer, January 25-26.

Cass county, Cassopolis, January 26-27.

Clare county, Clare, January 12-13.

Clinton county, Elsie, January 10-11.

Eaton county, Charlotte, January 24-25.

Gladwin county, Gladwin, January 10-11.

Gratiot county, Ithaca, January 11-12.

Grand Traverse county, Traverse City, January 19-20.

Huron county, Elkton, January 25-26.

Iosco county, Tawas City, January 8-9.

Isabella county, Mt. Pleasant, January 12-13.

Kalamazoo county, Augusta, January 17-18.

Kalkaska county, Kalkaska, January 26-27.

Kent county, Grand Rapids, January 26-27.

Lapeer county, Almont, January 30-31.

Leelanaw county, Suttons Bay, January 22-23.

Macomb county, Romeo, January 31-February 1.

Manistee county, Copemish, January 18-19.

Mason county, Ludington, January 18, 19, 20.

Mecosta county, Stanwood, January 17-18.

Midland county, Midland, January 15-16.

Montcalm county, Greenville, January 16-17.

Muskegon county, Holton, January 22-23.

Newaygo county, Newaygo, Jan. 24-25.

Oceana county, Hart, January 19-20.

Presque Isle county, Millersburg, January 3-4.

Saginaw county, Saginaw, January 17-18.

St. Clair county, Avoca, January 29-30.

Sanilac county, Melvin, January 26-27.

Shiawassee county, Owosso, January 9-10.

Tuscola county, Millington, January 24-25.

'03.

W. J. Carrel is drafting for the Champion Iron Co., of Kenton, Ohio. He reports very agreeable employment and congenial associates, also that his material returns have nearly doubled within the year.

'95.

H. R. Smith has recently written a very excellent work on "Profitable Stock Feeding." The work is well adapted as a text for schools and colleges. Mr. Smith is professor of animal husbandry at Lincoln, Nebr.

'98.

Prof. Kedzie recently met H. C. Skeels and wife, of Joliet, Ill. Mr. Skeels who is botanist at the Forest of Arden, Joliet, is planning a botanic garden at that place. Mr. and Mrs. Skeels spent the holidays with the former's parents in Grand Rapids and visited Roscoe Kedzie, Vicksburg, '99, en route.

Instructor C. H. Swanger, of the chemical department spent a part of his vacation in Chicago and South Bend.

The State Board held their regular meeting in the college board rooms, Thursday, December 28, at 1:30 o'clock. Those present were, President Monroe, Messrs. Graham, Bliss, Oberdorffer, Buskirk and President Snyder.

The American Society of Naturalists and Affiliated Societies met at Ann Arbor December 27. Of those who attended from M. A. C. were Dr. Beal, Dr. Marshall, Messrs. Tuttle and Bushnell of the Bacteriological Department, and Miss Bach of the Botanical.

About 140 specimens of plants from eastern Quebec have been received by the Botanical Department, between 40 and 50 of which are new to the herbarium. Dr. S. H. Pepon, of Chicago, has also sent to the department 350 specimens making a total of 500 donated by him.

The bookstore presents quite a different appearance. The added room on the west furnishes ample room for the systematic arrangement of all books so that less confusion is experienced in the stock carried over, a fact greatly appreciated by Miss Kendall.

We regret very much to record the death of Supt. J. E. St. John, of the State Industrial School for Boys. He was a man with sterling qualities of character and possessed such earnest sympathy with young life as to make him the close friend of every boy in the institution. His loss seems almost irreparable.

The Folk song of all nations, given by the M. A. C. Chorus, occurs Jan. 19 in the Armory. The chorus of one hundred voices have worked hard all the fall and are providing a very pleasant evening. Among the airs of our country are Old Kentucky Home, Dixie Land, also Auld Lang Syne. The Russian national air, Marseilles, The Watch by the Rhine. Miss Porter will give several selections. A regular southern darkey will sing.

A vacation party was given on Friday evening by members of the Union Literary Society in their rooms. About eleven couple were present and all spent an enjoyable evening. Baker of Lansing furnished the music.

Experiments have been begun in the horticultural department with pedigree nursery stock, particularly strawberries, to extend during the next two years. Stock of both tree and small fruits will be secured from all parts of the country and tested beside ordinary stock. Furthermore, an attempt will be made to breed up selected stock in the college with the pedigree idea.

Prof Jeffery finds during his trip through the northern part of the state that there is a growing enthusiasm among the farmers of that section concerning the breeding and selecting of corn for seed. Much time at institutes is given up to this subject.

The good weather during vacation enabled the workmen to get along quite well on the new dormitory. The brick work is practically all finished and some rafters are placed. The studding for partitions on the first and second floors have been placed, the wiring is being done and the plumbing, as far as possible will be done. About two weeks of good weather is needed in which to build the roof.

Miss Alice Gunn, '01, teacher of domestic science in the Iron Mountain schools, is visiting at her home in Colledgeville.

Mr. W. R. Bradford, who for several years had charge of the instruction in woodshop work at M. A. C., attended the State Teachers' Association last week and called on College friends. Mr. Bradford is in charge of the manual training department at Calumet, and enjoys his work very much. Prof. Rutledge, of the same schools, accompanied him on his trip to Lansing.

The following persons have been employed as instructors in the special courses for the winter term: W. E. Spreiter, West Concord, Minn., will have charge of the carpenter work and also supervision of the blacksmith work. Mr. Spreiter is a graduate of the Minn. School of Agriculture and was an assistant in that school.

Mr. Mundon, a resident of Oakwood last year, but now on his farm north of the college, will act as instructor in blacksmithing.

Mr. E. A. Edgerton, a former college engineer, will have charge of the creamery mechanics.

Mr. Jay Pullen, a student in our dairy course in 1902, will assist in the dairy room.

Helmer Rabild of the State Dairy and Food Com. will have the creamery work with Instructor Foster.

'01.

Extract from a letter written by A. S. Northrop, professor of Botany and Horticulture at Logan, Utah, to Prof. Barrows:

"Last summer my work at the Utah Experiment Station sent me down into San Juan county. This county is in the very northeastern corner of the state and is of great interest to anyone who has studied history and geology. It is the region of those wonderful natural bridges concerning which so much has appeared in magazines and other periodicals the last year or two. It is in a country characterized by a formation like that of the Grand Canyon of the Colorado to which the canyons I visited are tributary. It is also the region once inhabited by the Aztecs and Cave Dwellers. I visited numerous cave dwellings and some Aztec village sites. At one of these I made a weak attempt at digging for souvenirs, such as bone and flint implements and pottery. Not having a spade at such a distance from civilization, I had to do the work after much the same manner as was done by the ancient inhabitants of the region. I got a sharp stick and, locating a small mound some few feet from the ruined dwellings, proceeded to pick a hole into the rubbish of which the mound was formed.

"It soon became evident to me that I had struck a combination of ash pile, dumping ground and grave yard, for I proceeded to unearth pieces of charcoal, broken pottery, and other relics, and later human bones. I regret exceedingly that I could find no pottery except what was broken. I did find, however, an arrow point and a slate hatchet. This latter is much like those of Indian make found all over the country, though it is probably much more ancient."

The relics spoken of will be found in the museum, Mr. Northrop having presented them through Prof. Barrows to the College.



MEMORIAL BUILDING.

In order to keep the idea of the proposed new building before our readers, it has been thought best to

JOHN P. FINLEY, '73.

In the January number of the Outlook appears an article on "What American Ideas of Citizenship May Do For Oriental Peoples." The highest praise is accorded Gov. John P. Finley of the District of Zamboanga on account of his work with the natives, the Mohammedan Moros. His work which, it is said, began amid scoffs and open incredulity, has, in one year, shown distinct progress in turning these Moros from their methods of existence, living by piracy and plunder, to legitimate business practice through the establishment of the Moro Exchange, modeled directly upon the Produce Exchange of New York.

Gov. Finley's first work was to win the friendship of the natives and this done he informed them that their present methods must cease and then proceeded to show them a better way. Articles of agreement were drawn up setting forth the policy of the Exchange, and the result of Gov. Finley's experiment is astounding. Branch exchanges have been established, plunder is practically a thing of the past and the knowledge of money and how to get it has stimulated the raising of the simple produce of the jungle. It has also stimulated the fishing industry of the island which is an important step and in the right direction.

As to the personality of Gov. Finley and the regard in which he is held by the natives we quote from the article itself:

"Cast in a heroic mold, his six feet three inches of height, together with his two hundred and fifty pounds avoirdupois, allied with his great physical endurance on marches to the interior, inspired his people in the first instance with a wholesome respect. To something of these qualifications Secretary Taft doubtless owes his own success in part, for "the little brown brother" dearly loves big man. * * *

"Among these people, the most savage and war-like of all the tribes of the Philippines, Gov. Finley is known as 'Father.' Of their own volition they declare that they will follow him wherever he will lead, that they will obey his wishes in

give space to the cut for a few weeks.

The building is to embrace quarters for the students' religious organizations, for general social gathering and for many and desirable accommodations of the student body.

all things. They have been seen to creep up behind him and kiss his hand or embrace his legs in a curious show of affection, and, on the occasion of the preparation for the opening day of the exchange, when, impatient at the delay, he took tools into his own hands, they snatched them away as if unwilling to see their 'father' doing manual labor, and fell to with redoubled vigor." Throughout the immediate district within actual reach of the influence of the Exchange the Moros are filled with happiness at the new found chance to help themselves.

C. E. Collier, special student in 1902, beet sugar course, has gone to Chaparra, Cuba, where he has accepted a position as chief chemist for the Cuban American Sugar Co.

M. F. Loomis of the class of '93, superintendent of the Alamo Mfg. Co., at Hillsdale, Mich., called on friends on the campus for a few hours Wednesday of last week. His company is now engaged in the manufacture of gas engines for the Cuban trade, the fuel for which is alcohol manufactured from waste sugar cane. Associated with Mr. Loomis is Ray C. Bristol of the same class.

An act occurred at the school house probably, on Thursday evening of last week, which might be termed little less than vandalism on the part of some one who, either in the spirit of mischief or spite, quietly dug around the flag pole in the school yard until it tipped over. The miscreants then made off not even stopping to fill the hole thus made which furnished an ugly trap for any passers by, the pole standing very close to the north and south road. We do not believe that any act of this kind can be considered, for a moment, by any thinking person, as "innocent mischief", and one who would stoop to such a thing as lowering a pole whereon the stars and stripes belonged, would not be much too good to trample the flag itself just to be "cute". Perhaps the above statements are a little harsh; but if this act was done "in fun," it is time to inform the fun lovers that our community will not stand for this sort of sport.

CALL ON—
LAWRENCE & VAN BUREN PRINTING CO.
 WHEN IN NEED OF
DANCE PROGRAMS or SOCIETY PRINTING.
 122 Ottawa St. E.

Stalker Prints
 "Swell" Dance Programs
 Fine Stationery
 and other good things.
 At the sign of the hand
 114 Washington Ave. S.

Correct Clothes For Young Men at The Clothes Shop
BRUCE N. HICKEY,
 120 N. Wash. Ave.

DIRECTORY
 LANSING BUSINESS and PROFESSIONAL MEN

The names in this Directory, as well as those of all our other advertisers, are of reliable parties. We hope that the faculty and students will take pains to patronize those who patronize us.

- BARBERS.**
 M. A. C. BARBER SHOP, Rooms in New Bath House. H. A. Sias, Propr.
- BOOKS AND STATIONERY.**
 A. M. EMERY, 116 Wash. Ave. N. Books, Fine Stationery, Engraved Calling Cards, Fountain Pens, Pictures, Frames. Fine Framing a Specialty. Up-to-Date Styles.
 CITY BOOK STORE, Fountain Pens, Drafting Tools, Stationery, Cards, Engraved, Pocket Books, Card Cases and Bibles. Tennis, Football and Baseball goods. Crotty Bros., 206 Wash. Ave. N.
- BOOK BINDERS**
 GEO. G. BLUDEAU & CO.—Bookbinders Account book makers, paper futing, library and fine art bindings, file boxes, map mounting, albums, pocket books, etc. Citizens phone No. 56. 109 Wash. Ave. N.
 WAGENVOORD & CO.—Bookbinders, Blank-book Makers, 109 Washington Ave. South.
- BOOTS AND SHOES.**
 C. D. WOODBURY.—Boots and Shoes. We shoe the students. See ad.
- CLOTHING.**
 LOUIS BECK.—Clothier. Gents' Furnishings, Hats and Caps. 112 Washington Ave. North.
- CROCKERY AND GLASSWARE.**
 H. H. LARNED.—China, Glass and Lamps. 105 Washington Ave. S.
- DENTISTS.**
 A. F. GORDON, D. D. S. M. A. C. '91, U. of M. '01. 218 Washington Ave. S. Phone, Citizens 685.
 J. E. STOFFER, D. D. S. Office 105 Washington Ave. S. Citizens' Phone 1049. Former M. A. C. student.
 N. H. MOORE, D. D. S. Office 411-13 Hollister Building, Lansing, Mich. Citizens phone 475.
 R. W. MORSE, D. D. S. Hollister Block, Room 517. Citizens Phone 52, Bell Phone 396.
 D. E. PARMELEE, Dentist, 117½ Washington Ave. S., Lansing, Michigan. Citizens' Phone, office 275; residence, 1440.

ALL MEATS
 May look alike to you, but there is a very great difference in the quality we handle and that sold by some other markets. We handle none but the very best. Like the pudding, the proof of good meats is in the eating. A trial will convince you that you ought to trade with us.
 We make daily trips to the College.
BOTH PHONES. Careful attention given to 'phone orders.
GOTTLIEB REUTER,
 Washington Ave. South.

DRUGGISTS.
 ROUSER'S CAPITAL DRUG STORE. Up to date. Corner store. Opposite Hollister Block.
 ROBINSON DRUG CO., successors to Alsdorf & Son, Drugs and Druggists' Sundries, 102 Washington Ave. N.

DRY GOODS.
 THE JEWETT & KNAPP STORE. Dry Goods, 222-224 Washington Ave. S.

ELECTRICAL SUPPLIES.
 CAPITOL ELECTRIC CO, Electrical Supplies. Telegraph Instruments and Telephones. 117 Mich. Ave., E.

FURNISHING GOODS.
 ELGIN MIFFLIN.—Ladies' and Gentlemen's Furnishing Goods. See ad.

FURNITURE DEALERS.
 M. J. & B. M. BUCK.—Furniture. Cor. Washington Avenue and Ionia Street. See ad.

HACK AND BAGGAGE LINES.
 ORDER your hacks for parties at Carr's Hack Line. Livery in connection. 410 Washington Ave. N.

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

INSURANCE.
 THE DYER-JENISON-BARRY CO., LTD., (Incorporated) Hollister Block. All kinds of the best insurance. Strongest agency in city.

JEWELERS.
 CHAS. A. PIELLA, Jeweler and Optician, 121 Washington Ave. N., Lansing, Mich.

LAUNDRY.
 THE AMERICAN LAUNDRY solicits a share of your patronage. Remember the number, 309 Washington Ave., S. New Phone No. 420. Julia Findley & Edwin Lewis, Props. S. W. Doty and I. D. Smith, College Age sts.

MANICURE AND HAIRDRESSING.
 MRS. O. T. CASE—Manicure and Hairdressing Parlors. Masquerade Wigs for Rent. Switches made of cut hair or combings. The France-American Hygienic Toilet Requisites a specialty. New phone 118. 222½ Washington Ave. S., up stairs.

MILLINERY.
 FOR Fine Millinery go to No. 226 Washington Ave., S. New Phone 112.

MUSIC, PIANOS, ETC.
 GRINNELL BROS. Pianos, Organs and everything in the line of music. 219 Washington Ave. N.

GO TO BAKER MUSIC CO. for the up to-date sheet music.

PIANO TUNING, J. Parker. Action Work a Specialty. Teacher of Violin and Saxophone. Parkers' Orchestra, 119 Pennsylvania Ave. N. Citizens' phone 688, Lansing, Mich.

OCULISTS.
 CHAS. G. JENKINS, M. D.—Diseases of Eye, Ear, Nose and Throat. Hours, 9 to 12 a. m., and 2 to 5 p. m. Citizens Phone No. 1030. Rooms 23-204 Prudden Block.

PHYSICIANS.
 J. W. HAGADORN, M. D.—Office hours, 11 to 12 A. M., 2 to 4 and 7 to 8 P. M. Office at 212 Washington Avenue S.; home 219 Capitol Ave.

DR. H. W. LANDON, Office and residence, M. A. C. Office hours from 7 to 8:30 a. m., and 12:30 to 2, and 6:30 to 8 p. m. Sunday office hours 4 to 5 and 7 to 8 p. m. Now phone 1560.

DR. OSCAR H. BRUEGEL, Hours 9 to 11 a. m.; 2 to 4 and 7 to 8 p. m. Agricultural College, Mich. Citizens phone 1502.

JOSEPH FOSTER, M. D., Eye, Ear, Nose and Throat. Hours 9 to 12 a. m.; 2 to 4 p. m.; Sundays, 12 to 1; Evening 7 to 8. Corner Allegan St. and Capitol Ave., Lansing. Both 'phones.

PLUMBERS.
 SHIELDS & LEADLEY, Plumbing and Heating. 300 Wash. Ave. N., Lansing. Both Phones.

SPORTING GOODS.
 J. H. LARRABEE, Base Ball Goods, Foot Ball Goods, Tennis, Golf, Guns, Ammunition and Fishing Tackle. 825 Wash. Ave. S.