The M.A.C. RECORD. MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 13.

LANSING, MICHIGAN, TUESDAY, MARCH 3, 1908.

THE ROUND-UP.

JUNIOR HOP.

history of the college.

THIRTEENTH ANNUAL MEETING A SUCCESS.

ATTENDANCE GOOD, BUT MANY KEPT AWAY ON ACCOUNT OF STORMS AND BAD WEATHER.

An intellectual feast of good things for the farmer and the farmer's wife, practical talks by experts and helpful discussions upon important farm questions : thus, in a word, may be designated the benefits of the round-up. Thirteen years ago the system was planned and the first round-up held. Since then the interest has increased from year to vear. The season of 1907-'08 has been exceptionally successful. Often the attendance at county and township meetings has been limited only by the size of the building in which they were held. All through the state the interest seems to be growing. That the round-up itself did not exceed all others in numbers in attendance was probably due to the threatening weather and snowblocked roads.

With but few exceptions the program as recently printed in the RECORD was carried out in full.

FORESTRY SESSION.

'Forestry was the keynote of Tuesday's meeting, the subject of reforesting some of the state lands being hotly contested by those who claimed that they were more valuable for other agricultural purposes. Prof. J. W. Toumey of the Yale forest school; Prof. R. S. Kellogg of the U. S. forest service; Hon. Chas. W. Garfield of Grand Rapids (chairman); and Chas. W. Blair, secretary state commission of inquiry were the principle speakers. "Michigan should have, said Prof. Toumey, at least 5,000,000 acres of its nonagricultural land in state forests which would yield a large future annual income."

Speaking of lands available for forestry purposes, Mr. Blair pointed out that there are 28 counties in the state in which delinquent tax lands form a large percentage of the acreage, which might be profitably used for that purpose. Other speakers of the day were Prof. C. D. Smith on the Inter-relation of Farm Crops, and Instructor L. J. Smith on Lightning Rods for Farm Buildings.

GOOD ROADS.

Tuesday evening's meeting was largely given over to good roads the speakers being Frank F. Rodgers, Deputy Highway Commissioner, and Highway Commissioner, H. S. Earle, The benefits to be derived from the new road tax system and the work already accomplished were the principle topics discussed. Sixty-five miles of state reward road were built last year.

The M. A. C. chorus, band and Messrs. Clippert, Turner and Patten furnished the music for the day.

HORTICULTURAL SESSION.

Wednesday was largely given up to the discussion of horticultural subjects. C. E. Bassett spoke on fortunes from apple orchards, illustrating it with views of orchards in the vicinity of his home, Fenville, Mich. The apple is fast encroaching upon the domain of the peach in that part of the "peach belt."

A large part of the program was given to means and methods of fighting insect pests. Prof. A. L. Quaintance of the U. S. department of agriculture spoke first on the San Jose Scale and How to Fight It and second, on Orchard Insects and their Control. These talks were well received and were productive of much discussion. Crossing of fruit blossoms, seedless fruits and uncommon methods of grafting were the topics of short talks by F. M. Barden, H. M. Conally and B. B. Pratt of the class in senior horticulture. The day's program served to impress more fully that Michigan is just awakening to her possibilities as a fruit producing state when proper care is taken to protect it from insect and fungus pests.

Other subjects of the day's program were: Economy in Sugar Beet Production by L. W. Ovipitt of Bay City, in which he advocated thinning the beets so as to produce large individual beets which is one of the greatest features of economy in handling, and Fertilizers, Their Use and Abuse, by Prof. H. H. Huston, of Chicago.

At the evening session Prof. King gave two readings which were well taken, and Prof. R. D. Bailey. of Gaylord, spoke on Schools Out of School, prefacing his remarks by reviewing the free library system of the state, and closing with a graphic picture of the centralized school of the future. By far the longest number and perhaps the most interesting was an illustrated lecture, O. Brave New Land by Mr. Gilbert McClurg, advertising the resources of the great state of Texas. The M. A. C. orchestra furnished the music.

CORN SESSION.

That corn is king was evident at Thursday's session. No one who heard Prof P. G. Holden, the corn wizard of the west, in his talks, morning, afternoon and evening, could go away from the meeting without taking away with him some impressions made by the wonderful enthusiasm of Prof. Holden for his subject. Selecting and testing seed corn and the planting and care of the corn crop were his subjects and though his evening topic was the teaching of agriculture in the public schools, the necessity of which he clearly showed, it too, bristeled with corn. The Silo and Silage, by Wesley Schlichter of Brown City, and Growing Corn in Northern Michigan were other corn subjects ; the first causing much discussion,

(Continued on page 2.)

"Was everybody happy? That's what we want to know." If they were not they should have been, for the Junior Hop given by the class of 1909 was unparalled in the

The party which was held in the Masonic Temple at Lansing was opened by an informal reception in the parlors. The decorations here were simple and consisted of daffodils and white azaleas. The usual formality of the receiving line was dispensed with, and general good fellowship reigned.

The couples then adjourned to the banquet hall where an elaborate menu was served to the 180 guests. The class colors were used in the decorations of this room. The pillars were wound with blue and yellow ribbons and each light formed the center of a large vellow daisy.

At the close of the banquet, Chandler C. Taylor, the class president, gave the address of welcome, after which he introduced the first speaker on the program, Frank E. Wood, who responded to a toast on "Good Fellowship."

Helen M. Esselstyn followed. and in a charming manner introduced her subject, "Mirrors." In the course of her remarks several members of the class were given an calellent opportunity to see themselves as others see them. She closed with this toast to the class, "Here's to us. May others see us as we see ourselves.

The next speaker was Harry L. Kempster, whose remarks on "The Powers that Be" were especially appropriate.

"The Campus Search Light" by the aid of which we were enabled to eatch a glimpse into the future, was handled in a very capable manner by Glen H. Stephen.

Mr. Taylor made an excellent toastmaster, and his remarks hetween the toasts and his apt introduction of the speakers were very good.

The program was concluded by Florence Hall, who in her toast on "Rewards" mentioned a few of the compensations we receive in college life.

Much credit is due the decorating committee for the success of the party. The balcony was curtained off into booths, hung with Oriental draperies, and made attractiave and cozy with banners and cushions. The dance hall proper was daintily decorated in the class colors, yellow predominating. Seats, cushions and rugs were arranged along both sides of the hall under canopies of white. Hanging baskets of ferns, Southern smilax and 1909 penants completed the decorations.

The stage occupied by the orchestra was banked with palms and ferns while the yellow overhead suggested a sunburst.

The grand march was led by the president, C. C. Taylor and Miss Bess McCormick and the secretary, Reese W. Taylor and Miss Zoe (Continued on page 2.)

ALUMNI

Among the many M. A. C. men who were in attendance at the Round-up we notice the following. No doubt there were many others whom we did not see or with whom we are not acquainted.

T. G. Phillips, '02. H. Brunger, '02. C. P. Reed, '02. F. A. Farley, '06. J. Bowditch, with '07. C. M. Annis, with '04, H. D. Hahn, '05. P. G. Holden, '89. E. A. Holden. '91, B. A. Holden, '91. F. F. Rodgers, '83. J. W. Toumey, '89. F. Curtis, with '04. S. B. Hartman, '03. Rolla Coryell, '84. Howard Cannon. '88 Hon. Chas. A. Garfield, '70. Hon. C. C. Lilly, '84. Hon. C. J. Monroe, 85. C. B. Cook, '88. O. C. Wheeler, '87. Ray Potts, '05. G. A. Warner, with '04. James Satterlee, '69. E. W. Ranney, '00. L. W. Watkins, '93, Jason Woodman, '79. J. E. Hammond, 86. Mrs. J. E. Coulter, '82. W. E. Hale, '82. E. O. Ladd, '78. Wm. F. Johnston, '91. E. M. Boulard, '07. Jay Sessions, '74. T. F. Marston, with '92. C. P. McNaughten, '07. F. A. Wilkin, with '07. A. E. Wilson, '89 N. P. Hull, '85-'86. John Hull, '87-'88.

ALUMNI AND FRIENDS.

Alumni and friends of the College living near Holland and others. who may attend the State Oratorical Contest held there March 6 are urged to be present as the distance from M. A. C. is so great that few residents will find it possible to attend. All alumni and former students of the College are invited to gather at the Holland Hotel between 7 and 7:30 and go in a body to the contest. Mr. E. J. Shassberger, of Grand Rapids, will represent M. A. C.

Through a letter from Miss Feldkamp we learn of the annual banquet of the Washington M. A. C. alumni association, which was held in that city Thursday evening, Feb. 27. We hope to have a full report next week.

A gold pin was found on the campus last week. See W. B. Liverance, Dairy Bld.

A watch fob with the initials E. H. B. awaits its owner at Prof. Taft's office.

Remember the promenade concert Friday night.



The M. A. C. RECORD

PUBLISHED EVERY TUESDAY DURING THE COLLEGE YEAR BY THE MICHIGAN STATE

AGRICULTURAL COLLEGE

W. J. WRIGHT, '04, MANAGING EDITOR

ASSOCIATE EDITORS E. B. REID, SD. R. Z. HOPKINS, '10 K. P. HOLDSWORTH, '10 W. D. FRAZER, '10 B. YORKER, '10 GRACE PERRY, SD. MILORKD FERGUSON, '10 LETTA HVDR, '18 R. V. TANNER, '19 F. P. FELT, '11 W. C. TROIT, '09 UELEN ESSELSTYN, '50. A. SOBEY, '15 ATHLETIC REPORTER W. D. FRAZER

SUBSCRIPTION - 50 CENTS PER YEAR

Remit by P. O. Money Order, Draft or Registered Letter. Do not send stamps. Address all subscriptions and advertising uniter to the College Sceretary, East Lausing, Mich. Address all contributions to the Managing Editor. Business Office with Lawrence & Vai Buren Printing Co., 122 Ottawa St. East, Lansing, Mich. Entered as second-class null matter at Lansing, Mich.

TTESDIT. MARCH 3. 1908

THE ROUND-UP.

Continued from page 1.) especially the cement silo. Beans as a money crop by W. F. Raven, of Brooklyn: A Symposium on the Out by the sophomore agricultural students, and the address by Prof. Jeffery, president of the Michigan Corn Improvement Association, filled out the program for the day.

Aside from Prof. Holden's talk, mentioned above, the evening session was taken up by, Studies in Economic Botany by the Freshmen women students in botany; music by the M. A. C, band and choir and Hon, H. S. Earle in his address, Individuality.

LIVE STOCK.

Friday's program was probably of greatest interest to the greatest number of any of the round-up programs. Prof. Plumb, professor of Agriculture in Ohio State University, was the only speaker on live stock subjects from outside the state. The modern type of porker and its production was the subject of his first talk at 11 o'clock in which he advocated the growing of a medium type of pig with moderarely fat back and plenty of length and depth of side for producing bacon. At 1:30 he spoke on Handling the Dairy Herd, in which he dwelt largely on the necessity of health in the herd, and light and well ventilated barns as a means of disease prevention.

The Value of Pedigree by Prof. Shaw, and the Ideal Dairy Barn by C. C. Lilly were other topics of interest.

PRESENTATION OF DIPLOMAS:

The presentation of diplomas to the ninety-five graduates of the first and second year short courses in agriculture was a pleasing feature of the program Friday afternoon. Prof. Smith, in a few well chosen words, told of the duties and responsibilities of the graduates, which were further impressed by Pres. Snyder in his presentation speech. Immediately after the diplomas were presented the chairman announced that the members of the graduating class would like to respond, whereupon Mr. G. H. Kimball, in behalf of the class, presented Prof. Smith with a beautiful chain and charm, and for Mrs. Smith a

cut glass water set and plateau, expressing the gratitude of the class for the consideration which he had shown them, and expressing their regret that he felt called upon to enter another field of usefulness.

THE WOMEN'S CONGRESS.

Meetings for women were held Wednsday and Thursday afternoons in the Women's Building and were wellattended. Farmstead Improvement by Mrs. F. D. Saunders of Rockford; What is worth while to the Farmer's Wife, by Mrs. Mary Youngblood of Charlotte, and Principies of Cookery by Miss Pearl McDonald, were subjects discussed at Wednesday's congress. Thursday afternoon Miss Neina Andrews for the domestic science department. Miss Mary Allen for the domestic art department and Miss Grace Warner for the departments of physical culture and music, gave a description of the women's course at the college. The essentials of a home was discussed by Mrs. G. H. Barnum, of Charlotte, and Mrs. Rockwood spoke on Teaching the Girls to be Home Makers.

REPORT OF THE COMMITTEE ON RESOLUTIONS.

God made the first man a farmer, and thereby invested the calling of agriculture with a dignity that will last as long as the book of Genesis. This great gathering is evidence of the truth that the successful man on the farm must toil alike with hand and brain; therefore be it

Resolved, That we favor every means calculated to extend the work of the Farmers' Institute and make it broader, more practical and far reaching in its results.

Resolved, That we favor the study of agriculture in the public schools of our state, especially in the high schools ; that students from town and country, alike, may reap the advantages, and that by and by we may have a corps of country teachers fitted for this important part of their work ; be it

Resolved. That we tender our thanks to the College Band, Orchestra, Choir and Chorus and to the students who have furnished other valuable contributions to this excellent program. We tender our sincere thanks to Miss Mildred Fletcher, and other musicians, who have contributed so largely to the pleasure of this occasion.

Resolved, That we express our appreciation of the very entertaining lecture given by Mr. McClurg with the accompanying pictures. The entertainment was a delight. Visions of the wonders of the "Brave New Land" and splendid heroism of her founders and her unsurpassed agricultural resources will linger long in the memory of those who listened.

We desire to thank the Michigan Farmer, Lansing Journal, State Republicau and other papers for their splendid work in advertising this Round-up; and we would gratefully remember the hundreds of local papers throughout the state whose advertisements of local programs and kindly references to state speakers have done so much to make the institute work in the field effective.

We also desire to extend our thanks for the active and efficient part rendered by Hon. H. S. Earle, State Highway Commissioner, and his deputy, Frank S. Rogers. Also, to the Department of Agriculture, through their representatives, Professor R. S. Kellogg and Professor A. L. Quaintance and Professor J. W. Toumey of the Yale School of Forestry.

We want to thank the Michigan United Railway Company for the splendid service rendered us; and the faculty and people of the College and vicinity for their courtesy and hospitality evidenced in caring for this great gathering.

We hereby express our regret at the departure of Prof. C. D. Smith, whose services as superintendent of institutes for three years, director of experiment stations for 15 years, and many inspiring addresses at institutes throughout the state have given encouragement and practical help to the farming public, and assure him of our best wishes for his future success in a foreign field.

Resalved, That we remember with sincere gratitude and highest appreciation the untiring efforts, the wise administration and unselfish devotion of our superintendent, Professor L. R. Taft, and one and all pledge to him undivided support to the end that the good work may progress and the Farmers' Institutes of Michigan may continue in the future, as they are today, second to none in the land.

Signed. W. F. TAYLOR, E. R. WALDRON,

C. J. MONROE,

Committee.

JUNIOR HOP.

(Continued from page 1.)

Coleman. The lighting during the march consisted solely of the large 1900 numerals placed at the west end of the hall. After forming the figures '09 the grand march ended with the class yell.

The music, furnished by Finzel's orchestra of Detroit, was exceptionally fine. There were several specialties in songs and light effects, "Its the Same Moon a' Shining," "Dreaming of You," and "All Aboard for Tashmoo," were the favorites of the evening.

The patrons were Secretary and Mrs. Brown, Dean and Mrs. Bissell, Prof. and Mrs. Pettit and Mr. ank Mrs. C. L. Brewer.

Among those who returned for the Hop were: Bess McCormick, Albion; Margaret Merrill, St. Johns; Lillah Haggerty and Ruth Delzelle, Grand Rapids: Charles MacNaughton, Middleville; Jean Bliss and Violet Miller, Saginaw; Irene Carn and Mr. Alfred Chambe, Ann Arbor; Mr. Goetz, Bay City, and Mr. Dod Meeker, Charlotte.

Owing to the kindness and efficiency of the junior guards, the Hop was not interfered with in any way. The success of the entire function cannot better be expressed than by a remark passed by one of the "Powers that Be" that, without exception, it was the prettiest party he had ever attended. The musicians were also heard to say that the decorations at the temple surpassed those of the Junior Hop, given at the University of Michigan.

PROMENADE CONCERT.

At the promenade concert to be given by the band next Friday evening, the same plan will be followed with regard to attendance, as at the former concert. The ladies are invited to attend in a body and the men will be charged 15c each. While the first concert must be considered a success in every way, we learn by experience, and we wish to make this one even more successful in helping the student body and faculty to a wider acquaintance. Therefore we wish to have the whole program filled out, as a regular dance program, the concert numbers to be truly promenades. We also request that the ladies make it unpopular for a man to take more than one number on a program.

Prof. Pettit is to favor us with some views of earlier days at M. A. C., which will add greatly to the pleasure of the evening. The bugle corps is also to assist in the first number on the program.

We are confident that if you will all turn out and help, this will be one of the most pleasant events of the college year.

The program is as follows :

- 1. March-" Hail Columbia."
- 2. Two Step-" Ping Ling."

3. Songs-"Alma Mater." "It's a Way We have at Old Harvard."
4. Illustrated talk on Early Days at

M. A. C.-by Prof. Pettit. 5. Waltz--"Wont You Come over to

My House." 6. Descriptive Selection-"Hunting

Scene." 7. Duet-" Miserere" from Il Troya-

tore.

8. Two Step-" My Marinceia."

 Intermezzo—" Love's Dream after the Ball."
 Songs—" Solomon Levi," " Jingle

Bells."

Waltz—" Dreaming"
 Overture—"America."

The program will start promptly at 7 (30,

Y. M. C. A.

We were glad to have with us and to listen to Attorney Wood fast Sunday evening. His address was very impressive and inspiring.

Last Thursday night we noticed quite a drop in attendance: it was perhaps due to the fact that the college has been, this past week, especially endowed with good things every evening, and we have been crowded for time. It is hoped, however, that we will not lose interest in Association work, and that a good number will be out next Thursday night to help make the meeting interesting. Instructor James will talk,

On next Sunday night Mr. II, R. Pattengill will speak in chapel.

AFTERMATH.

Broke! Broke! Broke!

- The Hop is over you see
- It would not be polite to utter
- The thoughts that arise in me.
- Oh well for the studious "Grind,"
- Who couldn't afford the time; Oh well for the freshman, too. In his innocence sublime.
- And the train that carried her back, Though her memory lingers still;
- But oh for the sight of next month's check
- And the touch of a ten-dollar bill.
- Broke! Broke! Broke! The tale is as old as the hills.
- The Hop is over and the fun is past But now we must pay the bills. —Contributed.

Lost during Round-up a pair of gold bowed spectacles in a black case. Finder please leave at Sec's office and receive reward.



ABOUT THE CAMPUS

[•] Prof. C. D. Smith received the official announcement of his appointment to the presidency of the Agricultural College at Luis de Queroz, Brazil, last week.

The Village Postoffice, given in the College Armory Friday evening by the Troublesence Company and the Whosemhollerin Quartette, was well attended. The actors were local artists assisted by the Pilgrim orchestra

The last number of the Michigan. Schoolmaster contains an article by Instructor F. W. Howe on "The Future of Agricultural Education in Michigan." It is of special interest to those who are teaching or expect to teach in the public schools, and will be followed by another article suggesting means of more closely relating the Agricultural College to our Michigan public school system.

Prof. J. D. Towar, writing from Laramie, Wyo., speaks as follows: .. It may be consoling to the snowbound Michigan people to know that e places the weather is not so bad. The summary of weather for the past week at Laramie, Wyominy: Sunshine all the time every day; maximum temperature, 35°; minimum, -4°; barometer average, 23; precipitation, 3 inches of snow : average daily wind, 240 miles; maximum velocity, 44 Students playing base ball and tennis out doors; nobody wears overcoats; girls in shirt waists, and everything looks like summer; perfectly delightful climate."

Several new cases of mumps have been reported.

Dr. J. B. Dandeno was ill with the grippe last week and unable to attend classes.

A pleasing feature of the roundup program was the part played by the student classes.

Mrs. Samuel Johnson, wife of Professor Johnson, who was at the head of the agricultural department of the college from 1879 to 1889, called on old friends, at the college last week. Mr. and Mrs. Johnson are now on a large stock farm at Dowagiac.

On Tuesday evening of last week Mr. and Mrs. Fuller entertained the members of Tau Beta Pi at dinner at their home in East Lansing in honor of their son, Louis. A delightful dinner was served at 6:30, after which the members spent a pleasant evening in the discussion of a paper read by one of the members and of other topics of interest.

In this week's issue will be found a very brief and altogether inadequate account of the Farmer's Institute Round-up held at the college last week. The nature and extent of the program was such as to warrant a much fuller report than our limited space will allow. In fact we should have been glad to print the entire papers of many of the speakers. A fuller report will be found in the State Agricultural papers this week and a complete report including all papers and discussions will be published later by Prof. Taft. March 20, 1908. Mark this date on your calendar. - Why? Why is a crow?

M. H. West, Supt. of Lincoln Park, Chicago, will speak at the Horticultural club, Wednesday evening.

The regular business meeting of the Woman's Society will be held at the home of Mrs. Chase Newman Wednesday at 2:30.

Coming soon! What? Mac's minstrels. Watch for the date and the program. The best aggregation to be seen in East Lansing this year.

Sophomores wishing their note books in Organic Chemistry will please see Prof. Reed within the next two weeks. They will be destroyed after that time.

Plans are being made to hold a memorial service for Miss Mable Hibbs on next Sunday afternoon at 5 p.m. in the Women's Building. The services will be in charge of Dr. Price, of Lansing.

A salmagundi supper Saturday night at 6 o'clock, college chapel, A good lunch for 10c or 15c. A good supper for 25c or more, Choose the articles you wish and pay only for what you get,

At the meeting of the Michigan Fair Managers held in the chapel last Wednesday the following officers were elected; President, I. H. Butterfield, Detroit; Sec., G. A. Weed, Lake Odessa. Another meeting will be held in March.

PIANO RECITAL.

Students, faculty and members of the college community are cordially invited to attend a piano recital given by the students of music at the college Saturday evening, March 7th in the parlors of the Women's building, beginning promptly at 7/30.

PROGRAM.

Waltz Op. 34, No. 1, Chopin, Miss Edna Hopson, Song of Love, Henselt.

Miss Hazel Taft. Sonata Op. 1—First Movem't, Beethoven.

Miss Flora Bates. Etude—The Reapers. Concone,

Miss Helen Esselstyn. Valse Mystique. Paul Wachs.

Miss Florence Kayner. Etude de Salon, Bohm,

> Miss Dora Dancer. INTERMISSION

Mazurka. Paul Wachs.

Miss Lois Garber. The Doll's Dance. Poldini,

Miss Lowella Sherrod. Melody in F. Rubenstein,

Miss Norma Vedder.

Polish Dance, Scharwenke, Miss Glenna Pancoast,

Tarantelle, Denee, Miss Nellie Bangs, INTERMISSION

Concerto in G. minor, Mendelssohn,

Molto Allegro con fuoco, Andante, Presto, Malto Allegro e Vivace,

Miss Edna Hopson. (Orchestral accompaniment played on 2nd piano by Miss Freyhofer.)

MATERIALS FOR AUTOMO-BILE CONSTRUCTION.

Last Tuesday evening Mr. Thomas, chief engineer of the Reo Motor Car Works of Lansing, gave a very interesting talk before the Engineering Society upon the subject "Materials for Automobile Construction." He first reviewed briefly the conditions under which automobiles are operated and the strains they must undergo and then compared various kinds of steel from the view point of their ability to withstand these strains, especially those of the crank. He gave some data obtained from the tests carried on at the Reo Works which brought out the rather surprising fact that the high-priced steels like Nichel and Nichel-Chaome do not give the satisfactory results under their tests as the ordinary Manganese steel which he recommended for use in places where it is subjected to shocks.

One of the most interesting features of the talk was the description of the method used by the Reo Works in their crystalization tests. This consists in rotating a test har of the steel at a known velocity and under a heavy fibre-stress in a quite simple machine of their own design, instead of subjecting it to shocks as in method usually employed. The results of the tests are stated in the number of revolutions the piece will stand before breaking. This method has proven very satisfactory.

This evening C. M Collins, engineer of the Dodge Manufacturing Co., of Mishawaka, Ind., will give an illustrated talk upon "Power and Power Transmission," and Mr. Emery, of Detroit, the Michigan representative of the same company, will speak upon the subject, "Water Purification." These men are engineers of recognized ability and wide experience and the members of the society are very fortunate in having this opportunity to hear them.

The program committee has also secured excellent speakers for the following two meetings. On Tuesday evening, March 10, Mr. Zinomerman, chief engineer of the Michigan Power Co., will give an illustrated talk upon the installation of the Hydro-Electric Power Plant, which he recently installed for that company, while on the following Tuesday evening Mr. Alex. Dow, general manager of the Edison Illuminating Co., of Detroit, and a member of the American Societies of Civil and Mechanical Engineers, and the American Institute of Elec trical Engineers will address the society upon the subject, "Trend of Recent Central Station Practice,"

WON 3, LOST 2.

Basket Ball Team Returns Victorious.

The basket ball team returned Sunday afternoon after playing the hardest series of the season and with three of a possible 5 scalps. The first game was played with the Bat-tle Creek Y. M. C. A. in the breakfast food city, Wednesday evening and resulted in a score of 28 to 14 in favor of M. A. C. Thursday night at Notre Dame they went down to defeat with a score of 39 to 20 the first half being their undoing. Two games were played in Chicago, Friday, the first with De

Paw, resulting in a victory with a score of 26 to 17, and the second, with Armour Institute, resulting in a defeat, though the score stood a tie when time was called and an additional five minutes of play was allowed. The final score stood 29 to 26.

The last game of the series was played with South Haven Saturday evening, and was an easy victory for the hard worked team, M. A. C. tallying up 31 points to their opponents' 1S.

Though a long and hard trip, the boys arrived in good condition with nothing but praise for the treatment they received. That the Armour game was lost when so close is a matter of regret to the team, but the student body look upon the result of the series with satisfaction.



YOUNG LADIES

Are especially invited to call at our Dress Goods Department to in spect the very newest creations in Wool, Silk and Cotton Fabrics on display for the Spring season. Give us an opportunity to show you our line. Main floor, North aiste.

Cameron & Arbaugh Co.



 Δ VERAGE men are as colorless as average clothes. College men are outside the average - their togs have to be College Brand Clothes are. Just a bit more dash to 'em, a great sight more style and the precisely right amount of fit. Though exclusive their price isn't enough to exclude you from wearing 'em. For the young man and the "like-to-be-young."

O'CONNOR, Clothier. Sole Agents for College Clothes.

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. Sus, Propr.

BOOKS AND STATIONERY.

A. M. EMERY, 106 Wash, Ave. N. Books, Fine Stationery, Engraved Calling Cards, Fountain Pens, Pictures, Frames, Fine Framing a Specialty Up-to-date styles.

BOOTS AND SHOES.

 $C\,,\,^{\rm D,\,WOODBURY,-Boots\,and\,Shoes,\,\,We}_{\rm shoe the students,\,\,Sec\,ad,}$

BOOK BINDERS.

G EO.G. BLUDEAU & CO.-Bookbinders, account book makers, paper roling, library and the art bindings, file boxes, map mountings, abuns, pocket books, etc. (Hizeus phone No. 75, In City National Bank Building,

CLOTHING.

LOUIS BECK.-Clothier. Gents' Furnish-ings. Hats and Caps. 112 Washington Ave. North.

CROCKERY AND GLASSWARE.

H. H. LARNED,-China, Glass & Lamps, 55 Washington Ave. S.

DENTISTS. A. F. GORDON, D. D. S. M. A. C. 56, U. of M. 59, 218 Washington Ave. South, Phone. Citizens 985, J. E. STOFFER, D. D. S. Office 301 City National Bank Bldg, Citizens phone 1019, Former M. A. C. student,

N. H. MOORE, D. D. S. Office 01-03 Hol-lister Building, Lansing, Mich. Citi-zens phone 175.

R. W. MORSE, 16 D. S. Hollister Block, room 517, Citizens phone 52, Bell

phone 396. D.E. PARMELEE, bentist, 07% Wash-ington Ave. S., Lausing, Michigan, Citizens phone, office 275; residence, 201,

DEPARTMENT STORES.

CAMERON & ARBAUGH CO. Largest and best lighted store in Lansing. DRUGGISTS.

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

ROBINSON DRUG CO., successors to Als-dorf & Son. Drugs and Druggists' Sun-dries. 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. 11 Michigan Ave. E. FURNISHING GOODS.

ELGIN MIFFLIN,-Ladies and Gentle-

FURNITURE DEALERS. M. J. & B. M. BUCK.-Furniture, Corner Washington Ave, and Ionia Street, See ad.

HACK AND BAGGAGE LINES. O^{RDER} YOU'R HACKS for parties at Carr's Hack Barn. Livery in connec-tion. 40 Washington Ave. N.

HARDWARE, STOVES & TINW'RE.

N^ORTON'S HARDWARE.-General Hardware, Tinware, Graalleware, Cut-lery, Stoves, etc. 10 Washington Ave. 8, See ad.

JEWELERS.

 $C_{\substack{\text{elint, 121}\\\text{sing, Mich,}}}^{\text{HAS, A, PIELLA,-leweler and Optimized Structure}} \sum_{\substack{\text{sing, Mich,}}}^{\text{HAS, A, PIELLA,-leweler and Optimized Structure}}$

LEAVE your Fine Watches and dewelry with J. J. Heath for repairs. He will please you

MANICURE AND HAIRDRESSING.

M RS. O. T. CASE. - Manieure and Hair-drossing Parlors. Masquerade wigs for rent. Switches made of cut hair or combings. The France-American Hygicule Toilet Requisites a specialty. New phon-U8, 2221 Washington Aye, S. up stairs.

MUSIC, PIANOS, ETC.

 $G_{\substack{\text{everything in the line of music, 29}\\\text{Washington Aye, N,}}^{\text{RINNELL, BROS, Planos, 0rgans and}}$

OCULISTS.

CHAS, G. JENKINS, M. P.- Discusses of Eye, Ear, Nose and Threat. Hours, 9 to 12 a. m. and 2 to 5 p. m. Citizens phone biae, Rooms 255-24 Prudden Block.

JOSEPH FOSTER, M. D.-Eye, Ear. Nose and Throat. Hours, a to 12 a, m.: 2 to 1 p. m.: Sundays 12 to 1; Evening 7 to 8. Cor-ner Allegan St. and Capitol Ave., Lansing, Both phones.

PHYSICIANS.

 $\begin{array}{c} D_{1}^{R},\ H,\ W,\ LANDON,\quad \mbox{office and residuence}\\ dense \ M,\ A,\ C,\quad \mbox{office hours from 7 to}\\ state a,\ m,\ and\ 12530\ to\ 2\ and\ 3530\ to\ 8\ p,\ m,\\ Sunday\ office\ hours,\ 1\ 10\ 5\ and\ 7\ to\ 8\ p,\ m,\\ New\ phone\ 1530, \end{array}$

D.R. OSCAR H. BRUEGEL. Hours, 9 to ILE, m., 2 to Land 710 S.p. m. Sundays 12 to Land 510 6 p.m. Arricultural College. Mich. Citizens phone 1702.

PLUMBERS.

S HIELDS & LEADLEY. - Plumbing and Heating, 300 Washington Ave. N., Lan-sing, Both phones,

SPORTING GOODS.

J. H. LARRABEE, --Base Ball Googls, Foot Ball Goods, Tennis, Golf, Guns, Ammi-nition and Fishing Tackle, 325 Washington Avenue South.

