

# The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 16

EAST LANSING, MICHIGAN, TUESDAY, MARCH 21, 1911.

NO. 26



EDUARD C. LINDEMANN  
THE MAN OF THE HOUR

Who was presented with a loving cup last evening by the members of the Penman Club, as a token of their appreciation of his work among them during the past year.

## MICHIGAN ACADEMY OF SCIENCE.

### AGRICULTURAL SECTION.

Meetings will be held in the assembly hall, 4th floor, of the agricultural building, Agricultural College, East Lansing, April 5th.

AFTERNOON, 3:00 P. M.

Soil and Soil Problems from Standpoint of Physicist. J. A. Jeffery.

Soil and Soil Problems from Standpoint of Chemist. A. J. Paten.

Soil and Soil Problems from Standpoint of Microbiologist. Otto Rahn.

Soil and Soil Problems from Standpoint of Botanist. W. H. Brown.

EVENING, 7:30 P. M.

Address, "The Theory and Practice of Soil Management." F. K. Cameron, in charge of physical and chemical investigations, Bureau of Soils, Washington, D. C.

Everybody interested is cordially invited to attend these meetings.

## PEACE ORATION CONTEST.

A contest to select a representative to speak at the State Peace Oration Contest will be held in the chapel next Thursday evening. Several exceptionally strong orations will be delivered at that time.

It is unfortunate that this contest must be held during examination week, but as the winning oration must be printed by the 28th the representative must be selected before college closes.

This is an important subject, of world-wide interest, and the attendance should show that our student body and faculty are interested both in international peace and in the public speaking interests of the college

## IN THE HEARTS OF THE PEOPLE.

The four act play of Modern Life, by E. C. Lindemann, and given by the M. A. C. Dramatic Club Saturday night, was thoroughly enjoyed by a large audience.

The play takes the stand that in matters of politics the common people are always right in their ultimate judgment, and that when they are not it is the result of false leadership. It also showed to good advantage the Ward Boss and his work, and also the passing of the same.

By setting the play in a small city, the author aims to show that this new movement is first finding expression in localities where the people are brought in close touch with the government.

Stephen Montieth, the college graduate, is presented as the leader of the new movement, to show that this new spirit is the result of a better knowledge of existing conditions, and the duty of disseminating this knowledge should be assumed by the educated man.

Each performer did exceptionally well, and the play was full of interest from start to finish. The college orchestra furnished the music. After the first act, "Lindy" was called upon and responded in his characteristic, happy manner, giving some of his reasons for attempting the production.

Following is the

### CAST OF CHARACTERS:

Clayton Montieth, a wealthy manufacturer, Mr. Guerdon Dimmick, '11.

Mrs. Montieth, narrowed by aristocracy, Miss Aurelia Potts, '12.

Stephen Montieth, an engineering graduate with the modern spirit of democracy, Mr. Kenneth Van Wagenen, '11.

Harold Montieth, law graduate; aristocratic in tendencies, Mr. Ashley Beridge, '11.

Jacob Rayner, a type of the old-time ward boss, Mr. Guy Smith, '11.

Dave Densmore, a reformed saloon-keeper, Mr. W. Walker, '11.

Lorna Montieth, daughter of the Montieth's; educated, Miss Elizabeth Frazer, '11.

Gerda Kramer, maid in the home of the Montieth's, Miss Edna Belle McNaughton, '11.

Brick Thompson, Swede; foreman in the shops, Mr. A. L. Sorenson, '12.

"Dad" Palmer, a weazened old janitor, Mr. Herman Knoblauch, '11.

Mrs. Dave Densmore, hard-working Irish woman, Miss Mae Parmalee, '11.

Laborers and mechanics.

'03.

O. O. Churchill is now professor of agronomy of the Oklahoma A. and M. College, and agronomist of the experiment station.

'06.

R. C. Bird is construction engineer for the People's Portland Cement Co., of Sandusky, Ohio, and Spokane, Wash. He is also assistant superintendent of Mill No. 1, Sandusky.

## ALUMNI

'68.

We are indebted to Mr. Albert E. Jackson, of Ionia, for the particulars concerning the death of Wm. D. Place, of the above class, which occurred on Aug. 24, 1910. Mr. Place filled various positions of trust as clerk and supervisor of his township, school superintendent, and for two years was a member of the legislature. He was interested in agriculture, and spent much time upon the farm. In December, '09, he submitted to an operation for tubercular trouble which had settled in the neck, but found little relief, and in July, 1910, found that the trouble had gone to the throat, causing death on above date. Mr. Jackson adds: "He left a record of good fellowship which will be long remembered by all who knew him."

'69.

At the recent meeting of the American Association for the Advancement of Science held in Minneapolis during the holidays, Prof. Charles Edwin Bessey was elected to the presidency of the association. The election was made by the council of the association, an executive body composed of over fifty leading scientists of North America. This is one of the very highest honors that could be bestowed upon an American scientific man and it comes in recognition of long service and of great scientific attainments, reflecting at the same time in strong light the popularity of the man among the scientists of a continent. It should be known that this is not a mere botanical honor, but that such elections always represent the choice of representative men of many scientific fields. It was the representatives of these sciences who elected Prof. Bessey president of the association for 1911. He has been vice-president of the association and chairman of the section of botany a number of times.

'77.

Albert Dodge has retired from active business, and has located in Pasadena, Calif., where he has taken up bee culture. He has 200 colonies five miles from the city. He moved to Pasadena on account of the failing health of Mrs. Dodge, and reports that she is improving nicely.

'78.

F. E. Skeels writes as follows: "The most of my time is spent at Cobbs & Mitchell headquarters in the woods at Springvale, Charlevoix county, Mich., where I am engaged as civil engineer, surveyor, forest cruiser, etc. I have been here for several years, and shall continue here, I suppose, as long as is necessary to complete the firm's logging operations."

'83.

Chas. F. Lindsley is in real estate and insurance business in Boulder, Colo.

'81.

W. S. Delano is a farmer and stock grower of Lincoln, Neb. Mr. Delano is a life member of the Farmer's National Congress, Secy. of the Nebraska Farmers' Congress and is also a member of the Rural Life Commission of Nebraska.

'85.

Glen C. Lawrence is now a ranchman near Richland, Wash.

'87.

W. C. Hall, who was until very recently a resident of Grand Rapids, is now a lumberman located at Grant's Pass, Oregon.

'89.

William H. Van Dervoort is president and general manager of The Root & Van Dervoort Engineering Co., also president and general manager of the Moline Automobile Co., both of East Moline, Ill. His residence address is 2711 8th Ave.

'91.

Robert J. Crawford, of Armada, is a farmer and fruit grower, also a lecturer on fruit topics in Michigan. He is also county agent of the State Board of Corrections and Charities.

'93.

Wm. L. Harvey is secretary and treasurer of the International Milling Co. of New Prague, Minn.

'95.

Roy C. Fisher, superintendent of schools at Hart for five years, and a graduate of the Hahnemann Medical College, '06, is now practicing medicine in the city of Wichita, Kan. His residence is at 812 N. Market St.

'96.

N. J. McGee is now with the department of agriculture, U. S., Bureau of Chemistry, New Orleans, La. His address is room X, Custom House.

Charles A. Jewell is head of the department of biology in the South Central School, 418 19th Ave. E., Spokane, Wash.

'00.

Abraham Knechtel is Inspector of the Dominion Forest Reserves, Department of Interior, Canada.

'01.

A. H. Hayes is structural engineer and draftsman with the Flint and Walling Mfg. Co., Kendallville, Ind. His residence address is 517 E. Mitchell St.

'02.

W. K. Wonders is secretary and treasurer of the Columbian Implement Co. of Detroit, with address at 659 Fourth ave.

Irving Gingrich is musical director and instructor in the South Bend Conservatory of Music, South Bend, Ind. His residence is 732 East Du-bail Ave.

'04.

L. T. Clark is assistant director of the biological department, Parke, Davis & Co., Detroit. Residence address 108 Charlotte ave.



The M. A. C. RECORD

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TUESDAY, MARCH 21, 1911.

NEW ENGLAND ASSOCIATION.

The fifth annual banquet of the New England Association of M. A. C. alumni was pulled off at Boston, March 3, under favorable circumstances. The attendance, although larger than the year preceding, did not equal the record established when Pres. Snyder met with the alumni two years ago. The following were present this year: A. T. Stevens and wife, of Storrs, Ct.; Rev. A. B. Peebles, of Rutland, Mass.; Prof. L. A. Clinton, of Storrs, Ct.; F. C. Kenney, Amherst, Mass.; Pres. Howard Edwards, Kingston; R. I.; Dr. W. J. Beal, Amherst, Mass.; Pres. Kenyon L. Butterfield, Amherst, Mass.; H. K. Patriarche, Boston, Mass.; Prof. A. G. Gulley, Storrs, Ct.; E. N. Bates and wife, Boston, Mass.; Prof. W. D. Hurd and wife, of Amherst, Mass.; Sec. I. H. Butterfield of Hartford, Ct., and G. C. Sevey of Springfield.

There was a brief business session and Secretary-treasurer Sevey made annual reports. Arrangements for the 1912 banquet were placed in the hands of the president and secretary. Election of officers resulted in the selection of Pres. K. L. Butterfield as president and G. C. Sevey as secretary-treasurer.

Following the sumptuous banquet, Pres. Edwards called upon Pres. Butterfield to act as toastmaster for the evening. All responded with brief talks. The leading feature of the evening was the presence and interesting talk of Dr. Beal. The growth of the Michigan college was shown in a graphic way by a huge stream, which drawing was used at the time of the semi-centennial. The 40 years that Dr. Beal was at M. A. C. gave him an opportunity to see many of the important tributaries which contributed to the widening of the stream. His personal associations made possible some most interesting soundings. He referred in complimentary terms to the college band, glee club and athletics in general. He suggested that the crying need is some good college songs which will represent Michigan as Fair Harvard represents that institution. He declared the course of study is too full, and believes four exercises daily are sufficient. In his dry, humorous vein, Dr. Beal led the delightful excursion party through present and ancient times of M. A. C. He told how old students had to walk to town, as well as home, frequently taking to the fences to keep their feet dry; also how President Abbot attended chapel with rubber boots. Then it was that chapel occurred at 6 o'clock, and

there were no cement walks and fair co-eds to distract attention.

In a brief talk Prof. Gulley, of '68, who, by the way, is the oldest M. A. C.-ite in New England, referred to an old agreement which he exhibited between him and his roommate to "swap puddings for apple pies" for a given period.

Prof. Hurd gave a very practical talk, referring in particular to the lack of personal touch between the institution and alumni. He urged more tradition, more songs, maintaining intact the old buildings (like college hall), the keeping of good men as professors when they have them, further organizing of extension work throughout the state, and a more democratic spirit throughout. He discouraged the idea of frat houses on the ground, in that it eliminated much of the democratic spirit in college life.

Mr. Bates was the only mechanical alumnus present, but he represented the department well. He briefly referred to the disadvantage that a man from the Michigan mechanical department faces in the east. It is regarded more or less as a side issue and does not count for as much as a degree from one of the several special engineering schools in New England.

It was the general verdict that the session was the most interesting in the history of the association. It was like a family gathering with all formality eliminated. Pres. Butterfield called attention to the fact that, despite the drawbacks that M. A. C. had encountered, the stream had gone steadily on, growing larger and deeper year after year. It is the oldest institution of its kind in America, and is recognized country-wide as a powerful factor in agricultural progress. The alumni have been unusually successful. He suggested that while the college should do more than it does to foster the old spirit among the alumni, it is a fact that the alumni themselves should become better organized as a body, and be in a position to better work for and with the alma mater.

HORT. CLUB.

K. D. Van Wagenen and J. G. France delivered their farewell address to the Hort. Club March 15. Mr. Van Wagenen told how he came to M. A. C. and decided to be a fruit man. He is now going to Mosida, Utah, and will be employed by the Mosida Fruit Land Co. This company have 9500 acres of fruit land on the shores of Utah Lake, and this spring Mr. Van Wagenen will superintend the planting of orchards.

Mr. France will be employed by F. A. Stuart, of Marshall, Mich., on a 1,000 acre farm. This spring they are going to put 400 acres into fruit, with apples as their specialty, and also plant 20,000 strawberry plants. The following varieties of fruit are to be planted: Northern Spy, Grimes' Golden, Jonathan, and Canada Red apples, the Elberta and Solvay peach, and the Bartlett and Keiffer pear. Both talks were very interesting and were an inspiration to the younger members of the club.

Mr. Dewey gave a brief history of the Evans apple, and the following officers were elected for the spring term: Pres., C. W. Tubergen; Vice Pres., A. Itano; Sec. and Treas., J. H. Carmody; Scribe, A. D. Badour.

ENTRANCE REQUIREMENTS OF THE MICHIGAN AGRICULTURAL COLLEGE.

Adopted February 27, 1911.

The following list of required and elective units have been adopted to govern the entrance of high school graduates to the college in the future. The list conforms practically to the recommendations of the high school section of the Michigan State Teachers Association, adopted in October, 1910.

I. Graduates of approved high schools must present at least 15 units of secondary school work as follows:

- (a) Required, seven units.
  - English, three units.
  - Algebra, one and one-half units.
  - Geometry, one and one-half units (plane and solid including spherical).
  - Physics, one unit.
- (b) Any eight of the following:
  - English a fourth unit.
  - College Algebra and Trigonometry, one unit.
  - History, one, two, three or four units.
  - Latin, two, three or four units.
  - Greek, two, three or four units.
  - French, two, three or four units.
  - Spanish, two, three or four units.
  - German, two, three or four units.
  - Chemistry, one unit.
  - Botany, one unit.
  - Zoology, one unit.
  - Physiography, one unit.
  - (One unit to be made up of any two half units of last three mentioned above.)
  - Free-hand drawing, one unit.
  - Commercial work, one or two units.
  - Manual training, domestic science, and domestic art, one or two units each.
  - Agriculture, one, two, or three units.

II. Advance credits for high school work cannot be allowed on the regular college course, but students may apply for examination in any subject, and if the examination shows suitable proficiency, credit may be given.

These requirements are arranged to cover all phases of high school work, and especial attention is given to the industrial or vocational units which are being introduced into high school courses. The Agricultural College, being a technical institution and at the same time, vocational, it is especially interested in such phases of the work.

COSMOPOLITAN CLUB.

The Cosmopolitan Club enjoyed an informal feed in the room of their secretary, Max Wershaw, last Sunday evening, the function being in the form of a farewell party to J. F. Campbell, who is one of their most enthusiastic members, and who will finish his college work here at the end of this term.

The club also welcomed P. K. Fu and K. C. Luke, two very interesting Chinese students who come here from Valparaiso University to continue their studies the coming spring term.

Student pay day (tomorrow) Wednesday, March 22.

FRESHMAN ORATION CONTEST.

The first freshman contest at which the speakers delivered original orations was held in the chapel last Friday evening. Six men, Messrs. Sharrow, Hart, E. J. Smith, Lankton, Moorish, and McCarthy, took part. Mr. McCarthy, with the oration "International Peace and the College Man," took first place, and Mr. Smith, speaking on "Luck," received the second prize.

In spite of the lamentably small attendance, less than thirty being present, the men all spoke with vigor and power, and showed a promise that looks well for a high place on the state contest in two or three years. But both the faculty and the student body must show something of the interest in public speaking that they show in athletics if the college is to gain the place on the platform that it has on the track and the gridiron.

INSTITUTE TRAIN.

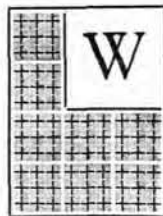
The work of putting the four cars into shape continued all day Saturday, and in the evening of that day they were pulled to Lansing, from which place they started yesterday morning on the trips as noted below.

One car was devoted to poultry, and a number of birds were taken, as well as the model houses, trap nests, etc. In one car was shown the practical dairy outfit, including separators, churns, butter workers, etc., as well as an engine with connections. The third car was supplied with bacteriological exhibits, and special attention will be given to the tuberculin test. The last car was used for the departments of farm crops and horticulture, and the various grains, grasses, spray mixtures, pruning instruments, etc., will be sure to interest all. Each car was well supplied with pictures and drawings.

The following schedule has been planned for the coming week.

- GRAND TRUNK.
  - Wednesday, March 22nd.
    - Vernon, 8:00 a. m.; Burton, 9:30 a. m.; Ovid, 11:00 a. m.; St. Johns, 1:00 p. m.; Fowler, 2:30 p. m.; Muir, 4:00 p. m.
  - Thursday, March 23rd.
    - Saranac, 8:00 a. m.; Lowell, 9:30 a. m.; Ada, 11:00 a. m.; Berlin, 1:00 p. m.; Coopersville, 2:30 p. m.; Nunica 4:00 p. m.
- PERE MARQUETTE.
  - Friday, March 24th.
    - Alpine, 8:00 a. m.; Sparta, 9:30 a. m.; Casnovia, 11:00 a. m.; Grant, 1:00 p. m.; Newaygo, 2:30 p. m.; White Cloud, 4:00 p. m.
  - Saturday, March 25th.
    - Wooster, 8:00 a. m.; Fremont, 9:55 a. m.; Holton, 1:15 p. m.; Twin Lake, 3:15 p. m.
  - Monday, March 27th.
    - Hart, 8:00 a. m.; Mears, 9:25 a. m.; Shelby, 11:00 a. m.; New Era, 1:00 p. m.; Whitehall, 2:30 p. m.; Dalton, 4:00 p. m.
  - Tuesday, March 28th.
    - Dublin, 8:20 a. m.; Kaleva, 9:45 a. m.; Thompsonville, 11:00 a. m.; Bendon, 1:00 p. m.; Grawn, 2:30 p. m.; Traverse City, 4:00 p. m.
  - Wednesday, March 29th.
    - Williamsburg, 8:00 a. m.; Alden, 9:30 a. m.; Bellaire, 11:00 a. m.; Central Lake, 1:00 p. m.; Ellsworth, 2:30 p. m.; Charlevoix, 4:00 p. m.





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**ABOUT THE CAMPUS**

**May Festival, Friday, May 19.**

The junior and senior agricultural and forestry students who expect to take up agricultural journalism will please see Dr. Blaisdell at once.

LOST. — A garnet necklace with garnet cross attached. Finder please notify Miss Mabel Hartshorn, 503 Larch St., north. New phone 97406.

Samuel Hadden, formerly connected with the civil engineering department at M. A. C., has accepted a position as associate editor of *Engineering Contracting*, and began his new duties on March 13.

The Hesperian Society have elected the following officers for the spring term: President, R. W. Sloss; Vice Pres., L. G. Johnson; Sec., A. D. Wolf; Treas., Ned Lacey; registrar, F. H. Mueller; Marshal, B. C. Ellis.

The Delta Club were entertained one evening the past week by a chalk talk, given by Miss Snellgrove and other members of the drawing department. Cartoons were made of the various members of the faculty, and a good time enjoyed by all.

In the *Power* magazine for Feb. 28 appears an illustrated article on "Special Setting for Water Tube Boilers" by Prof. Kunze. The article gives an outline of the fundamental principles of combustion and heat transmission, application of which is made in a special form of setting intended to eliminate smoke when using soft coal.

Holden Perkins, with '12, of Grand Rapids, was a college visitor recently.

R. G. Chamberlain has been elected captain of the 1912 sophomore basketball team.

Prof. Eustace spoke at the Grand River Horticultural Society meeting on Tuesday last, and spent some time with Hon. Chas. W. Garfield.

Circular No. 10, Experiment Station Bulletin, is now being distributed. The bulletin treats of the manufacture and storage of Lime-Sulfur Spray, and is the work of Mr. A. J. Patten, chemist of the experiment station.

The Bijou *Holcad* benefit was a great success, both in the numbers and enthusiasm, and in conjunction with numbers, of course, financial gains. Over 500 tickets were sold and 20 per cent of receipts, amounting to \$50, was turned over to the *Holcad* fund.

The State Superintendent of Public Instruction has just published a bulletin on "Common Michigan Birds," written by Professor W. B. Barrows. About 5,000 copies are to be distributed by the department, and an attempt will be made to place one in the hands of every teacher in the state. A list of 75 common birds are taken up and a paragraph given to each, mention being made of size, color, habits, etc. The aim has been to include only those which are found regularly almost everywhere throughout the state, in suitable places and at proper times.

Three members of the Delta Club are "down with the mumps"—Messrs. Kempster, Hargrave, and Tower.

Mr. Jake Rykse, of Missaukee county, has been engaged to work in the dairy. Mr. Rykse was one of our short course students this winter.

The bookstore is now nicely located in the new room on the north side of the waiting room, and Miss Kendall finds the additional room very acceptable.

The farm mechanics department is putting in some additional exercises in farm machinery this spring. The work will embrace the adjustment of various farm machines, draft tests, etc.

Lee Boyd, '09, who has been working in Grand Rapids for some time, stopped at the college recently on his way to Worcester, Mass., where he has accepted a position as draftsman.

E. A. Wilson, '07, spent several days with college friends last week, stopping on his return trip to Great Falls, Mont., where he is engaged as agricultural assistant for the Great Northern Railway Co. This company has 40 test farms, of which Prof. Thos. Shaw is agricultural expert. Mr. Wilson, with one other assistant, looks after the management of these farms. During the winter exhibition cars are run through the east and south as an advertising scheme. Mr. Wilson has had charge of these cars in the east.

Pres. Snyder was in Grand Rapids, Sunday, where he addressed the sociology class of the Baptist church.

Mr. C. E. Bassett, secretary of the State Horticultural Society, visited the Hort. department Wednesday on matters of business.

Instructor O. I. Gregg had charge of the Hort. work on the Institute train last week, and Prof. Halligan is doing similar work this week.

H. I. Glazier, '07, writes that his company, Bates and Rogers, Joliet, Ill., expect to open an office in Duluth soon, and he will be placed in charge.

Word has been received of the serious illness of the little daughter of Mr. C. L. Weil, St. Clair, former professor of mechanical engineering at M. A. C.

Mr. Max Tower, instructor in chemistry, has resigned his position to accept that of chemist and bacteriologist for the Williams Brothers plant, of Detroit.

The list of students has been posted in the library building, and each one is requested to report corrections to the Registrar in order that the catalog list may be correct.

Friday evening, after the Idler party, an umbrella having a long, straight natural wood handle, silver mounted, was taken by mistake in exchange for one having a similar handle, but perfectly plain. Will the person who has the first umbrella please notify G. C., c/o Tic House.

FORESTRY.

Some seeds of interesting tree species of the Rocky Mountain and Pacific coast regions have been received by the department of forestry, from some of the national forests. These seeds include such species as the Western Yellow Pine (*pinus ponderosa*) one of the most important and widely distributed of our western pines. In general appearance it resembles somewhat our own Red or Norway Pine, having the same reddish bark, the same coarse twigs and sturdy branches and harsh foliage, but attains, as a rule, a very much larger size. In striking contrast to the Western Yellow Pine is the Rocky Mountain White Pine (*pinus flexilis*) a tree of comparatively restricted range and of only local commercial value. It rarely is found below an elevation of 6,000 feet above the sea, and is a tree of exceedingly slow growth. In general appearance, it resembles, to a marked degree, our eastern White Pine (*pinus strobus*), having beautiful silver-green foliage and a silvery smooth, close-fitting bark on young growth.

Of an entirely different character is the One-seeded Juniper (*Juniperus monosperma*) from the Pines just mentioned and which is also included in the collection. This tree ranges throughout the arid southwest, extending from Colorado over the mountain ranges of Nevada, southern New Mexico, and Arizona into northern Old Mexico but never grows at an elevation to exceed 7,000 feet above the sea. In its native habitat, its growth is picturesque, never forms dense forests but is distributed over vast areas in pure stands in orchard-like arrangement and spacing and has the power to withstand arid conditions exceeded by few of our native trees. It will be interesting to watch the development of such a tree in the humid climate of Michigan.

While this Juniper does not attain a size which makes it desirable for sawlogs and dimension stuff, yet it is of great commercial value being in some regions the only woody species fit for posts, poles and firewood. Like all of the Junipers, the wood is very durable and easily worked. When used as fuel, it gives off a pleasing aromatic odor not unlike that emitted by the Chinese joss-sticks when burning. Other seeds sent on for trial are the Alligator-bark Juniper, the Arizona Cypress, one of our interesting American trees much used in Europe for landscape planting, Douglas Fir and Colorado Spruce. The growth and development of the seedlings from these different lots of seeds will be watched with keen interest, and should go to form the nucleus of an interesting arboretum. The seeds have been furnished in quantity sufficient for class work, and will be used in nursery practice by the junior foresters.

'03.

Miss Emma Barrett is teaching her third year in the high school at Snohomish, Wash. Her address is box 700.

'10.

P. H. Piper is estimator and superintendent of construction for I. E. Boomer, contractor, Detroit.

V. N. Taggett is a rodman with the Baltimore and Ohio Ry., with headquarters at Walkerton, Ind.

'05.

Walter P. Robinson is manager of the branch office of the Northern Engineering Works, Toronto, Ontario. He is also district representative of the American Electric Fuse Co., of Muskegon. His residence address is 47 McLean Ave., Toronto.

Alexandar A. Fisk is landscape architect of Chicago, and also superintendent of Racine Parks, Racine, Ill. His address is 1710 Park Ave., Chicago.

Richard C. Fowler is at present advertising manager for the Detroit City Gas Co., with residence at 227 E. Warren Ave., Detroit.

'07.

G. Arthur Heinrich is now with the Chicago Water Bureau with residence at 3611 N. Perry St., Chicago, Ill.

Rachel Benham is teacher of Biology in the high school at Ypsilanti. Her address is 423 Adams St.

Wm. W. DeLange is chief engineer for the Gabriel Concrete Reinforcement Co., Detroit, with address at 438 Helen avenue.

W. W. Gasser, formerly of Sherman, Mich., has recently purchased a controlling interest in the Farmers' State Bank at Beebe, Ark., and was elected vice president and cashier of same.

L. R. Dorland is at present engaged in the State Department of Agriculture, Texas, as state inspector of orchards and nurseries in the orange district. He has been in the work two months, and states that new problems arise every day, and he finds the solution of same very interesting and enjoyable.

Geo. H. Ellis, junior engineer in the U. S. Reclamation Service, has changed his address from Helena, Mont., to Powell, Wyo. Mr. Ellis states that Powell is the headquarters camp for the Shoshone Project and is located only 22 miles from Buffalo Bill's town, Cody, and in the country from which he recruited his world famous Indians and cow punchers. He adds that, "this country, without irrigation, will not raise buffalo grass, and even the sage bush looks sick."

'08.

Joseph A. Rosen is Chief of the American Agricultural Bureau of the Governmental Zemstvo of Ekaterinoslav, Russia. His address is 2515 W. 40th St., Minneapolis.

'10.

C. B. Perry is farming near Charlotte, Mich.

The following is an extract from a letter written Prof. Shaw by William Laechelt, one of our Chicago short course students:

"The past eight weeks were the happiest of my life, and the friendships and good times enjoyed there will make of me a steadfast boomer for dear old M. A. C., as I think a fellow who once comes in contact with the whole hearted teachers and fellows cannot help but be a better citizen when he gets back home.

"I honestly fell in love with most of those country boys, and as I will soon be a rube myself up in Lake Co., I will be glad to feel at home with such a bunch of gentlemen as I met at M. A. C."

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College closes Friday, March 24, for the Easter vacation. Here's hoping that everyone enjoys this vacation to the fullest extent.

Mr. Chas. D. Shirley, special student at M. A. C. in 1908, who left college to grow rice in Texas, is now in the fruit business in Montana.

The sacred concert given by the M. A. C. military band, Sunday afternoon, was well attended and greatly appreciated. The program as published last week was carried out.

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**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 203-5 City National Bank Bldg. Automatic phone 561; Bell phone 61. Former M. A. C. student.

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**DR. H. W. LANTON,** 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.

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