The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 8.

LANING, MICHIGAN, TUESDAY, DEC. 23, 1902.

No. 15

ALUMNI.

'77 and '78 Purdue University has sent out its announcement for the winter school of agriculture. A very handsome field of agriculture was comprised of $65,000, and has been equipped at a large expense. It is the finest in style, construction and equipment.

It contains laboratories and class rooms for practical instruction in dairying, horticulture, veterinary science, general agriculture, soils and animal husbandry. A show of office of farmers' institutes, the agricultural library, rooms of the farm college, a large, long, grand, Prof. James Troop, '75, and Prof. W. C. Latts, '77, are connected with Purdue University. Prof. McCurr, '90, and Mr. H. Van Norman, '57, are also members of the faculty.

'55, H. E. Ward writes to have his address for the Record changed from 66 Grandville Ave., Grand Rapids, Mich. On account of ill health he is compelled to give up his work abroad and return home. He has been doing work in bacteriology for the past three months, having gone to Switzerland about the first of September.

ACTION OF THE AMERICAN PUBLIC HEALTH ASSOCIATION RELATIVE TO THE LATE DR. KEDZIE.

At the meeting of the American Public Health Association, held at Grand Rapids, Mich., December 5th, Dr. Henry D. Holton, of Vermont, president of the association, announced the death of Dr. Robert C. Kedzie, one of the early presidents of the association, and asked for a resolution expressing the great value of Dr. Kedzie's service to the cause of public health.

Mr. Henry A. Haigh, (M. A. C. '74) delegate to the meeting from Detroit, Michigan, offered the following resolutions, which were unanimously adopted:

Resolved, That the American Public Health Association has received with deep sorrow the intelligence of the death of Dr. Robert Clark Kedzie, one of its early presidents and an active practical and indefatigable worker in the field of public health.

Resolved, That this Association places a very high value on the selfless and untiring labors of Dr. Kedzie in behalf of sanitation and the public welfare, and recognizes in him a superb type of the hardy, hopeful pioneer in preventive medicine, the reward of whose persistent labors is being and will be reaped in better health and happiness by this generation and by generations yet to come.

Resolved, That these resolutions be spread upon the records of this Association as a record of the highest esteem for Dr. Kedzie as a man and sanitarian and of our belief in the high value of his life to the science of sanitation and to the human race.

NOTICE.

FOUNDA Fountain pen. Same can be had by identifying pen. Finder Nicolaas Prakken, 121 Grandville Ave, Grand Rapids, Mich.

The M. A. C. Sunday school will have their Christmas exercises and tree Wednesday, Dec. 24, at 4 p. m. All are invited.

AN M. A. C. MAN HONORED.

Kenyon L. Butterfield, whose portrait is given above, is the newly-elected president of the Rhode Island Agricultural College. He was born at Lapeer, Michigan, June 11, 1868, and is the eldest son of Hon. T. H. Butterfield, ex-secretary of this College. After graduating from the Latin course of the Lapeer high school, he entered this institution and graduated from the Agricultural college in 1891. In the following October he was elected Assistant under Secretary Reynolds.

A short time later he was made an able lecturer in rural sociology, and nearly completed work for the Doctor's degree. His work in the university is of a high order, and he is frequently quoted in the well known text book of rural sociology.

He resigned this position in April, 1899, and was employed by the office of farmers' institutes, the agricultural library, rooms of the farm college, a large, long, grand, Prof. James Troop, '75, and Prof. W. C. Latts, '77, are connected with Purdue University. Prof. McCurr, '90, and Mr. H. Van Norman, '57, are also members of the faculty.

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The call for trained men is more urgent than ever. No man can be satisfied with his work...
Somewhat is an adverb; some is an adjective. Say, "My friend is somewhat better," (not some better.)

Everywhere is an adverb; place is a noun. Say, "I looked for it everywhere." (not everywhere.)

The, that, these, there, and real are adjectives. Say, "It was as long as this or that." (not this long or that long.)

I can't jump so far. (not that far.)

Don't use too soon for just as soon.

WAY THE SPECIAL COURSES ACHEIVE.

(Continued from page one)

judges for fairs and exhibitions, county, local, or state, but is safe to say that a young man who sup­ports the training received here by work in his own herds and elsewhere, and adds intelligent investigation to his training will be well fitted to be a judge at these exhibitions, even if his decisions do not always coincide with those of the owners of the stock exhibited.

With this training in stock judging and the diagnosis and treatment of the common ailments of domestic animals and horticulture, a course of lectures by Dr. Waterman has proven of immense value to the men who have taken the college courses and to the young man who has written that what he learned from this course of lectures along with the time and expense in taking the whole special course. The attempt is not made to turn our students into dealers, but to give wholesome advice to the young farmers as to treatment of their live stock.

The veterinary work goes hand in hand with the lectures by Professor Marshall on bacteriology and hygiene, in which the students are taught the relation of bacteria to the health of animals and plants, and the precautions necessary to secure good health. The lectures on feeding the farm animals, the instruction given. The demand for stock judging, the training and experience from the special course, not only the persons in hand with the lectures by Pro­fessor Marshall on bacteriology and hygiene. In the various departments show marked changes in the courses, and the State Board of Agriculture now lays down as to the proper stables to be dead soil and its elements into the soil. Growing and living plants. No knowledge of practical agriculture is necessary to the students. The needs of the soil are studied, the principles of the various departments are explained, and the students are instructed in the principles of the various departments. As the attempt of the college to train men for such work, as the manufacture of butter in creameries, or the manufacture of cheese. Already a large number of these farmers in the state are managed by men who have taken the special courses. The quality of the instruc­tion in agriculture is sometimes demonstrated by the excellence of the men in the sale of the butter and cheese they have made. We invite to these courses the men who engage in stock work rather than men without ex­perience desiring to go into the business to make dairy goods in fac­tories. Prior experience is almost a requisite to a proper appreciation of the work and to the proper use of the instruction given. The demand for young men who had completed our course was far greater last year than we could supply.

The orchardist and grower of small fruits finds his way hedged about with obstacles and difficulties which require training as well as experience to overcome. This training and experience from the selection of varieties and the preparation of the soil, the harvest­ing of the fruit, packing and selling, including a somewhat thorough course in the fungus and insect dis­eases is gone over in the most practi­cal way in our special course in fruit growing. The College invites to this course, not only the persons interested in growing peaches, other stone fruits, small fruits and vege­tables along the western coast, but all young farmers in the state inter­ested even in a small way in fruit growing, to come to the College for six weeks beginning January 20 next. We feel sure that the train­ing they will get in this course will amply repay them for their money and time expended.

The crowded condition of our laboratories prevents the College from offering a course in stock judging. To a limited number of young men, who have a good knowledge of analytical chemistry, a course in technical sugar work will be given after April 1st, 1903.

Yours truly,

C. D. SMITH, Dean.

Mrs. Mary J. Winthrop of New York, has made an unconditional bequest of $1,000,000 to the Prince­ton Theological Seminary.—Ex.

Class debates are being held at the University of Nebraska.

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is now being distributed for the Opening Sale of DRY GOODS, CLOTHING, AND GROCERIES. A special sale exclusively for the College and College­ville. Be sure and get one of our circulars.

A. M. DONSEREAUX.
just purchased a new Remington catalogue listing the library of the horticultural department. Miss Earl, of Howard Terrace, has received many Christmas orders for her woodenware decorated by Miss Avery is spending her vacation with the horticultural laboratory to be used for a tool-room. Mr. Herbert Patriarche has been engaged for the past two weeks in the horticultural laboratory for the eradication of the work is going on in the machine house has been moved and connected for her woodenware decorated by Mr. E. S. Good received a visit last week from Attorney Huff, of Gobelewe. Mr. Huff had some law cases before the pardon board. At the meeting of the Michigan Passenger Association at Detroit last week, a rate of one fare for the round trip was granted on all railroads in lower Michigan for the Round-up Institute to be held at Owosso February 24-7, 1903. The tickets will be on sale February 25-4, and will be good to return on February 28 inclusive. WHEREAS, it has pleased our Heavenly Father to remove from this earth our highly esteemed brother, W. R. Goodwin, be it Resolved, That we, the Olympic Society, extend our most sincere sympathy to the bereaved parents, and be it further Resolved, That a copy of these resolutions be sent to the parents and also a copy be published in the M. A. C. RECORD. H. K. Patriarche, S. B. Hartman, CLYDE ARMSTRONG, Committee.

CHAS. M. NORTON, 111 Washington Ave. S.

Mr. Robison of the experiment station expects to move into Howard Terrace during the holidays. A quantity of rhubarb and asparagus has been placed in the basement of the horticultural laboratory for winter use.

Instructor Michels had a long article in the last Michigan Farmer, describing the correct methods for constructing creameries.

At a meeting of the Farmers' Club last Wednesday evening reports were given of the meeting of the State Association of Farmers' Clubs, of the meeting of the American Federation of Students of Agriculture (which the M. A. C. Club recently joined), and of the Chicago Live Stock Exposition.

Messrs. Angel and Chase, owners of the land across the road north of the College campus, expect to complete their brick store opposite the close of the fall term. No marked changes are in evidence as contrasted with the program for the winter term a year ago.

Dr. Beal was in Ann Arbor Saturday, the 20th, conferring with other members at a meeting of the council of the State Academy of Science, the next meeting of which takes place in about three months.

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Have you a MARQUART STEEL RANGE? If not, you certainly have not got the best. Your neighbor has one, ask her about the quality. We have sold a large amount of them and all give satisfaction. Would be pleased to show them to you.

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IN THE HERBARIUM.

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MICHIGAN LIVE STOCK BREEDERS' ASSOCIATION.

The 12th annual meeting of this association was held at the Grasswood House, Detroit, Mich., on Dec. 16th and 17th. During the last day the time was occupied by meetings of the various cattle, sheep and swine breeders' associations. These organizations after transacting the business which was brought before them, discussed the balance of the time in discussing important questions relating to the workings of the organizations. In some cases a panel of experts had been arranged for, the most notable among these was that of the Shorthorn Breeders' Association in which number of the breeders presented addresses, which were followed by profitable discussion.

At this meeting the question, "What is the Michigan Agricultural College doing for the Live Stock Industry of the State" was discussed. This discussion brought forth some expressions from the members of the faculty present relating to the working of the College, the result being that the work of the College is not understood by the members present.

On the 17th both morning and afternoon sessions were held. During the morning session the following addresses were presented: President's Address, Mr. Robert Gobbinus, "Feeding the Prevailing and Influence in Live Stock Husbandry," by Prof. Geo. C. Humphrey. "Live Stock College and Research," by Mr. L. C. Drake, Weston, Mich. "Evolution in Michigan Agriculture," by Hon. L. D. Watkins, and "Some Address," by Mr. F. Jay Lessiter, Clarkston, Mich.


In accordance with a resolution adopted by the association these papers and addresses were written and held for a free discussion. The general consensus of opinion of those who have attended former meetings is that there has been a great revival of interest in the association. This was manifested in the increased attendance and the active part taken by each large number of the members in the discussions. The question of the necessity of publishing a state live stock breeders' directory was discussed, and this work will be undertaken. This association is doing a valuable work for the live stock industry of the State.

SOME THINGS GOING ON IN THE HERBARIUM.

The economical trend of the botanical department since the opening of the College, over fifteen years ago, has made it seem wise to include in its course any instruction in the subject of mosses; still, the herbarium contains a considerable number of these interesting little plants.

Packets of about forty species which were received in the Cooley herbarium have remained unattended, some of them collected over fifty years ago. Recently the professor of botany packed them off to an expert in Columbia University where they were named, and now they will be pigeon-holed where they belong, each by the side of its nearest relative.

In the summer of 1900 Professor Wheeler collected two hundred and thirty mosses and liverworts which he did not take the time to study and name. These went to Columbia and were named. About fifty duplicates were exchanged for fifty of other species from Europe.

In different parts of the world, experts make a business of collecting mosses and liverworts to sale to colleges and scientific societies.

From time to time this college has been a subscriber to a considerable number of these collections, and the teaching force has added many more, till now we have not far from 13,000 of these low forms of plants, most of which are of considerable interest to all agricultural students. They are edible or poisonous, live as parasites on living plants which are cultivated, or on those which constitute our weeds, and thus are of economic value.

Most of these purchases have been received up to 100 at a time, each ticketed and pased in a volume. In this way there is no attempt at classification, and on this account it is rather tedious to find any of them for study or comparison.

After years of deliberation and consideration, Real has decided to strip the specimens from these volumes and arrange them on sheets in the herbarium, placing each specimen that is infested with a particular rust, smut, or mildew near those of the same name, making it much more convenient for reference. This rearrangement is now going on rapidly.

W. J. B.

Instructor Michie last week was in DeWitt. He contracted for a ton of milk a day for the special courses, to be delivered from that place.

Instructor Michie is making a series of experiments to determine the difference of cheese from milk containing varying percentages of fat.

William Ball is in Grand Rapids. He has a good position as designer with Stover & Butterworth plaster mill manufacturers.

Allan H. Stone is located at Tyler, Texas, and is in the employ of the St. Louis Southwestern Railway Company.

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