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FARMERS' MEETINGS DRAW CROWDS.

The meetings of the Michigan Improved Live Stock Breeders' and Feeders' Association, the Michigan Experiment Association, and the first annual breeders' sale drew a crowd at the College last week that rivaled in size and enthusiasm many of the gatherings at the College during Farmers' Week. The breeders of different kinds of cattle, hogs, and horses held separate meetings, all sheep breeders united in one body, and then all live stock breeders held a general meeting, at which L. Whitney Watkins, '93, who had charge of the live stock appraisal in the foot and mouth disease in this state, gave a very interesting talk, explaining the methods of appraisal that were used. He also stated that not an infected herd is above ground in the state, a noteworthy feat of accomplishment when the situation in other states is considered.

Wayne Linmore, secretary of the American Percheron Society, judged at the colt show that was held, and also gave a talk on the effect of the European war on the horse-breeding business in the United States, making the point that in the future all importations of pure bred horses will be cut off, and there will be a large European market for American stock.

The first annual horse breeders' sale ever held under the auspices of a breeders' association in the United States, was held in the pavilion last Saturday. Forty-one horses passed under the hammer, 15 of which were suckers, eight yearlings, and six grade horses. The total sales were $11,589, or an average of $283 per head, and when it is considered that few of the animals sold were of working or breeding age this is a very good average. The consigners were well pleased, and have pledged their support for the sale that will be held next year. Comment was heard on every side of the excellent work of George Brown, '07, assistant professor of animal husbandry, and Ralph Hudson, '07, farm foreman, in handling this sale with dispatch and satisfaction to all.

Despite the fact that the horse sale was in progress at the same time, the meeting of the Michigan Experiment Association was well attended and the talks very instructive. The students who gave the demonstrations in farm crops deserve a great deal of credit for the excellence of their work, and the large, satisfied crowds that viewed these demonstrations showed their interest and appreciation in no small degree.

A large number of entries were made in all classes of farm crops, most notable of which were 200 exhibits in the boys' and girls' corn contest. Sweepstakes were won in this by Miss Thelma Knight, of Hanover, who lives just across the road from the girl who won the automobile in the contest four years ago.

The week was just crammed full of good things for the visitors, and the large attendance bespeaks much for the interest that farmers of Michigan are showing in their College.

AGRICULTURAL MATHEMATICS.

The new motto of the mathematics department is "Mathematics made not easier, but more attractive and intelligible." In keeping with this, the department this term has instituted a new course, in which it is endeavoring to teach the agricultural students the problems which are presented are drawn from such as soil physics, animal husbandry, dairy husbandry, farm crops, plant breeding, agricultural chemistry, rural economics, etc. The course aims not only to give the students academic training, but also to furnish them a scientific basis for the work which is to follow.

For example, when it comes to plotting equations, the problem of varying percentages of fat in a cow's milk from day to day is used; or, using the prices of various commodities for 15 or 20 years, the values are plotted to see if the fluctuation in prices of eggs and butter, for instance, are similar. Then the subjects of balanced rations are taken up, and probable results of crossing dissimilar animals after eight to ten generations. The work is being attacked eagerly by the students, and while they realize the part of the motto, "not easier," it is generally felt that the change will work to much advantage, both in knowledge of mathematics obtained and also preparation for work that is to come.

SUCCESSFUL GET-TOGETHER.

From the point of attendance and enthusiasm the winter term "get-together" last Friday night was the most successful of these parties ever given, and the committee, Prof. Husson, Prof. Sanford, Prof. Clark, Lieut. DeLancy and Mrs. Peppard, deserve a great deal of credit for fostering, in this way, a better acquaintance and more democratic spirit.

One of the delightful parts of the program was the excellent music rendered by the College orchestra of 22 pieces, the first public appearance of this organization. With two grand marches, led by Mr. and Mrs. LeRoy and Mr. and Mrs. Conger, of the zoology department, and several dances, which were given liberal encores, and also some concert numbers, the audience had ample chance to show their hearty appreciation of this new musical organization. Mr. Mitchell, of the English department, gave a very well received reading from Rip Van Winkle. Violin solos were given by Miss Jones and Mr. Crandel, and two quartet numbers were ably presented.

A noticeable thing in the attendance, however, was the absence of faculty members and instructors, only one besides the committee being present. The students present, with partners, can also help more to make these occasions a great success by entering more heartily into the spirit of the get-together.
that such loyalty is not ingrained in the fiber of the sire is to fulfill his duty to his alma mater in a way that will meet the approval of the graduates. " We have a passion with the student, "and his one de­ responsibility for this lack of intellectual en­ Hadley. of Yale, lays upon the Yale alumni the di­ outlook. according to the president aloof from that, yet there is a good deal of food for thought in that week, and hopes to hear from some that are already start out in a small way, but, from the experience of other schools, they are bound to grow. In some places it may be feasible to have weekly luncheons, and in some a daily place of meeting may work out to best advantage. The Recoon will be very glad to print the time and place for these luncheons each week, and hopes to hear from some that are already in existence and others that are in the process of formation.

NEED OF INTELLECTUAL STIMULUS.
There seems to be a growing sentiment among many educational men that there is a need for the application of some kind of intellectual stimulus in the undergraduate body of our colleges; that we should require that intellectual excellence should be cultivated on parallel lines with athletic skill or social distinction.
We believe that this lack of emphasis upon the right phase of college activities is not as apparent at M. A. C. as in some of the eastern schools, and yet there is a good deal of food for thought in that suggestion. According to the Outlook, President Hadley, of Yale, lays upon the Yale alumni the di­ responsible for this lack of intellectual en­ encouragement, for that institution the loyalty to Yale is a passion with the student, "and his one de­ is to fulfill his duty to his alma mater in a way that will meet the approval of the graduates." We are quite sure, and it is perhaps easily explainable, that such loyalty is not ingrained in the fiber of the.

E. C. McKee, '31, is a temporary visitor here in Los Angeles. He is spending most of his time with his daughter and two grandchildren while here. Santa Barbara has been his home for several years, but he has recently bought ten acres of orange land in Rialto, San Bernardino county, and will hereafter make that place his home. He is anticipating much pleasure in growing the golden fruit, and we anticipate that we may see more of him than in the past, as he is only about fifty miles out from Los Angeles, with good car service, both steam and electric.
A. H. Voigt, '81, president of the California Furniture Company, leaves for the East next week, on his semianual purchasing trip for stock for their large furniture store. He expects to be in Grand Rapids about January 20th.
Herbert M. Rouse, '08, was a recent caller at our office while taking a short vacation in Los Angeles. His address is Andrade, Cal. He is at the intake of the extensive canal system which irrigates the great Imperial Valley, and has entire supervision of the canals from their source at the Colorado river to the Mexican border. The position is one of much responsibility, and requires close supervision most of the time.
Through Mr. Rouse we learned of three other M. A. C. men in southern California, viz., Gail Dunstan and Fred Millets, with '07, who are located at Brawley, and are in the insurance business, and Ford Travis, '08, who lives at 2901, Fourth Ave., Los Angeles, and is associated with architects Morgan, Walls & Morgan.
We now have record of 56 M. A. C. graduates and former students located in various parts of southern California. No doubt there are others, unknown to us, as we continue to add to the list every few weeks. Any one located, or locating, here should make their presence known for the mutual benefit that may result from such association.
G. C. Davis, Sec.-Treas.
A letter from D. H. Kedzie, '76, of Lordsburg, New Mexico, gives the following interesting information: "In November, 1887, I started a paper here, called the Western Liberal, and have published it continuously ever since. I have had few vacations, the most notable of which was when I visited college in semi­ centennial year. I have gotten tired of work, and am going to take a vacation, so have sold my paper and business and am going to California for the winter. Please change my address to 15 South Hidalgo St., Alhambra, Cal."
ALUMNI NOTES.

Roswell Carr, '08, of the Upper Peninsula Experiment Station, has been a college visitor the past two weeks.

Robert Powell Holdsworth, Jr., weight eight pounds, arrived at the home of Mr. and Mrs. Robert Holdsworth, of Stoughton, Mass., Jan. 12.

Agnes Stover, '14, of Bay City, and Sidney Smith, '12, were married, Dec. 31st. They will live at Waterville, where "Sid" is instructor in agriculture.

E. T. Conway, '14, and Miss Myrtle Kimball, U. of M., '14, of Marlin, were married, Jan. 7th, and will live in Lansing. Conway is assisting in the farm mechanics department.

Tom F. Rogers, ex-'74, member of the legislature from Muskegon county, visited college last week. Rogers was a charter member of the Phi Delta Society.

Miss Muriel Smith, '14, and H. Blakeslee Crane, '14, were married, Jan. 16th, at the bride's home in Detroit. They will live at Fennville, where Blakeslee and his brother, U. S., '11, are running a large fruit farm.

Alumni present at the farmers' meetings last week that we have record of are: L. Whitney Watkins, '93; A. B. Cook, '93; C. I. Brunger, '01; G. S. M. Miller, '94; H. H. Crossley, '93; E. O. Elmer, '93; G. W. Gilbert, '12; U. S. Crane, '11; A. H. Perrine, '10, and J. B. Strange, ex-'01.

Sam Hagenbuch, '10, has been out west this fall, working in the harvest fields, and hunting. He reports great luck in the latter, and says that on the job he grew so proud to pose as a first-class gas tractor engineer, and the first thing he had to do was line up the tractor with the thresher. As luck would have it, he got hold of the right levers and the machine moved around in place under the master hand.

F. F. Burroughs, '93, with the Mutual Fire Prevention Bureau, of Oxford, Mich., was a College visitor last week. S. M. Dean, '14, with the Michigan Mutual of Lansing, and group of electrical inspectors completed the party. These men held a conference at the electrical department, and looked over the electrical equipment, and viewed some practical demonstrations that were of particular interest to inspectors.

W. W. Pratchner, '11, is at present in charge of the chemical department of the Napa high school, at Napa, Cal. There are about 100 in the department, which includes agriculture as well as chemistry. Pratchner writes: "Napa is a suburb of San Francisco, having a pleasant location and a fine high school. We have an M. A. C. association now in Northern California, which meets once a month in San Francisco. The association is busy now planning for the great reunion at the Exposition."

W. D. Groesbeck, '92, examiner in U. S. Patent Office at Washington, writes: "* * * Members of the old Iota Cruising Club will recognize that the old cruising infection has broken out on me again when I say that my vacation this summer was spent in a cabin cruiser which I helped to build, and that the trip included the Potomac from Washington to the mouth of the river, with exploring side trips into all the navigable inlets, about 300 miles of delightfully leaping, all told. For the charts we were indebted to George L. Flower, '09, of the Coast and Geodetic Survey, another member of the Iota Club. My work brings me in contact almost daily with W. A. Kinman, '86; Wm. Petrie, '90, and Max D. Farmer, '10, as the whole quartette of us is employed in the patent office."

LITTLE STORIES.

William Humphrey Van Dervoort, '89m, assistant professor of mechanics at M. A. C. from '89 to '93, received the degree of M. E. at Cornell in '93, was for six years assistant professor of mechanical engineering at the University of Illinois, studied factory conditions in Europe and assisted in engineering work there, and also became inspired by gasoline driven motors while there, and formed, in '99, with O. J. Root, '89, as a partner, the Root & Van Dervoort Engine Co., at Champaign, Ill. The company prospered, and in '01 moved to East Moline, Ill., where they are now producing 24,000 engines annually, used principally for agricultural work, and marketed through the John Dere Flow Co. In 1905 he formed, with Root, the Moline Automobile Co., which is now producing 1,000 cars annually. Van Dervoort's latest field of endeavor is as president of the Society of Automobile Engineers, elected to this honor at the annual meeting of this society in New York City this month. During his administration as president he will prosecute the standardization campaign, for he believes that this the most fertile field that in which the society can work.

Motor Age thus characterizes Van Dervoort: "Above all else, Van Dervoort is a worker—a human dynamo. He has but one hobby, and that is fishing. That Isaak Walton had nothing on him is his own confession. Truly, a non-smoking Van Dervoort is a paradox. Speak his name and you hear the flap of windmills and the swish of water in canals, and yet he has never paid court to Lady Nicotine. He has the build of the cleanup litterer, the smashing halfback, the physique of Willie Heston."
BASKETEERS BREAK EVEN.

In the game with Hope College, on the 13th, the Aggies showed much better form in the department that they showed weakest in with the Buckeyes. This was in team work, which, with the accurate basket shooting, enabled the home boys to win 57-29. Frimodig led with field baskets, with 15 to his credit. Both Blake and Hewitt Miller were also strong in this department.

In the game with the Illinois Athletic Club, Saturday night, the Aggies ran against a much different proposition, and the game was the fastest seen for some time. With good team work and good shooting, the boys were matched with fully their equals throughout the game. The final score was 21 to 19 with the Illinois boys on the big end. Eight field goals were registered for the Farmers and nine for the Athletic Club; fouls were five and four, respectively. The score wavered back and forth several times during the game, and after the whistle blew Hewitt Miller had a chance at a foul that would have tied the game.

NEWS AND COMMENT.

A four-cylinder Cadillac auto engine has been loaned the M. E. department, and will be used by the students for running tests of various kinds.

The Novo Engine Co., of Lansing, have loaned an engine and pumping outfit for the athletic department to flood a part of the drill field, so that hockey can be indulged in during the winter.

Various departments at the College are co-operating, and expect to spring a musical comedy some time in March. Miss Freyhofer has charge of the singing, Mr. King the lines, and Mr. Clark the orchestration.

Miss Louise Freyhofer, head of the music department, had charge of the matinee musical program given at the Lansing Woman's clubhouse last week. Misses Lyla Edgerton and Mabel Leffler, and Messrs. Bruce Hartsuch and Fred Killeen assisted with the program.

Dr. Shedd, professor of physics at Olivet, was the speaker at the first of the series of conferences that the physics department is planning on this winter. On Friday evening, Jan. 8th, Dr. Shedd exhibited slides showing snow crystals, and gave an informal talk on the theory of the formation of snow crystals for the benefit of the instructors in physics and geology.

The electrical department has fitted out a seminar room in one end of class room 126. Each member of the class of senior electricals has a key to the room, and so has access to the excellent library of books and periodicals at any time the building is open. Special illumination has been provided by the department for the reading table, and it is expected that this is where the senior electricals will be found the most of their evenings the rest of the year.

The Forestry Department has purchased equipment for the making of maple syrup. An evaporator house will soon be under process of construction in the 40-acre river woodlot. The first year, syrup only will be made, but both sugar and syrup will be produced next year, all of the product to be marketed locally. The most modern equipment and methods of manufacture will be used. On account of so much of the spurious article on the market in Michigan under present conditions, it is the aim of this department to enlist the co-operation of the maple sugar and syrup producers in the state in the way of standardization and marketing, and thus take full advantage of the pure food laws.

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Alumni Notes.

Wilgert Reiley, '13f, is assistant in the farm mechanics department this term.

"Tiny" Parker, '08a, with the Vermont Farm Machine Co., of Chicago, was a campus visitor last week.

R. R. Lyon, '09e, first lieutenant, U. S. A. Artillery Corps, has been transferred from Fort Terry, N. Y., to Fort Monroe, Va.

E. C. Fowler, '07a, has been appointed instructor in chemistry for this term, and is assisting in qualitative analysis. Fowler lives at 1917 Michigan Ave.

C. C. Cox, '14m, and Miss Hazel C. Kimmel, of Reading, Mich., were married, Dec. 25th, and will live in Hillsdale, where Cox has headquarters as county surveyor of Hillsdale county.

C. H. Edwards, '09f, has been consulting forester for the Worcester Lumber Co., and also the Dollar Bay Lumber Co., for the past year, besides doing private timber work for several of the mining companies.

H. H. Musselman, '08e, head of the farm mechanics department at M. A. C, has the honor of being elected president of the American Society of Agricultural Engineers at their meeting in Chicago during the holidays.

R. M. Lickley, '01, with the Talmadge Mfg. Co. of Cleveland, Ohio, living at 68 Penrose Ave., wishes to get in touch with all M. A. C men in and around Cleveland. It is almost certain that an M. A. C Association will be started there this winter.

H. V. Geib, '12a, was a campus visitor last week. This past summer he has been assisting his brother, W. J. Geib, '02, who is with the Bureau of Soils, U. S. Dept. of Agr., working co-operatively with the University of Wisconsin on soil survey work in that state.

L. H. Belknap, '06e, and Miss Mary Louise Todd, of Lansing, were married, Jan. 9th at St. Paul's Episcopal church. Among the guests present were Mr. and Mrs. Leon Belknap, '09e, of Grand Rapids. Mr. and Mrs. L. H. Belknap will be at home after Feb. 1st, at 606 1/2 N. Capitol Ave.

According to the report of George H. Freear, '10, secretary of the Northern California Association, a few of the M. A. C boys got together for the first monthly luncheon on Dec. 26th. Freear writes of a visit from C. R. Garvey, '12, who has just accepted a position with the Redwood Mfg. Co., at Pittsburg, Cal.

H. M. Connolly, '08h, assistant horticulturist with B. P. L., writes: "In my travels around the country I run across a good many M. A. C people. While on a recent trip to Philadelphia I ran across Heller, '08; Peithorp, '13; McCue, '05; Kohler (instructor in horticulture at M. A. C. '05). Down in Alabama my path falls in with F. D. Stevens, '03; O. M. Ayres, '02, and Matt Crosby, '02. Ayres is agriculturist for the Tennessee Coal and Iron Co. That he knows farming I will admit, because I have been over his farm and eaten his strawberries. He can even be a landscape gardener when necessary."

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ALUMNI NOTES.

M. G. Hillman, ex-'01m, is with the Willard Storage Battery Co., Detroit, Mich.
J. W. Clemons, '86, is traveling for the John Dore Flow Co., and living in Lansing.
Walter H. Flynn, '95m, is superintendent of motive power for the M. C. R. R. at Detroit.
T. F. Locke, '66m, is tool designer with Metal Products Co., Detroit, and lives at 258 McNeil Ave.
E. Gerald Kenny, '05a, is head chemist for the La Plate Cold Storage Co., of La Plate, Argentina, S. A.
R. L. Brown, '01a, has been with the Crystal Ice & Ice Cream Co., at Oklahoma City, Okla., for the past three years.
E. R. Keech, '06m, is still in the employ of the P. M. R. R., but has been transferred from Benton Harbor to Grand Rapids, and lives at 18 Albany St., S. W.
S. L. Hall, '12e, now living at Mason, Mich., and Ingham county highway engineer, writes: "I certainly enjoy the RECORD, and read it through from cover to cover, even the ads."
L. L. Burrell, '08, is horticulturist at the Lyndon School of Agriculture, Lyndon Center, Vt. This is a private school, having an attendance of about 90 young men, most of whom stay there the entire year and do work on the farm. Burrell has charge of all the horticultural work on the farm.
D. S. Cole, '93m, of Grand Rapids, reports a visit that H. F. Palmer, '93a, recently made him. Palmer represents the Mulford Co., veterinary supplies, Philadelphia; and gave an illustrated lecture at the Grand Rapids Veterinary College. Cole reports that "Ted" is doing well, and is a credit to our alma mater in every way.

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