**OHIO STATE IS BEATEN.**

**THE BAND AND 200 ROOTERS CHEER THE TEAM ON TO A 35 TO 29 VICTORY.**

Mr. Jared M. Knapp, one of the first residents of Bellingham, Wash., has sent to our botanical department a box of mounted plans for the herbary. These plants represent the collection made by him in the Puget Sound district. This collection is very welcome, as plants from that part of the country are not especially well represented in the herbarium. The department approves very highly the feeling of loyalty exhibited in this manner by one who has not long away from the institution.

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**The Spirit of the College**

L. H. Bailey, ’52.

The next number on the lecture course will be by Liberty H. Bailey, ’52, on the subject noted above, Dec. 11.

Dr. Bailey is a native of South Hadley, Massachusetts, and a graduate of M. A. C. with the class of ’32. Following his graduation, he spent three years in stickball under Dr. Asa Gray, at Harvard.

He then returned to M. A. C., and for three years was professor of horticulture in this institution.

From 1885 to 1893 he was professor of horticulture at Cornell, since which time he has occupied the position of dean and director of the College of Agriculture at that institution.

Dr. Bailey is looked upon as one of the leading agricultural educators in this country, and his talk here will be of such a nature that it will be equally interesting to every college man and woman.

It has been fifteen years since Prof. Bailey has addressed an audience at M. A. C. He delivered the commencement address in 1887. His services are much in demand, but he is always too busy to secure his. His stay at this time will be limited, as he will doubtless have to return with an east-bounded goal.

This was too good to stop. Ohio fumbled on the 25 yd. line to Cham- paign, and the ball was given a clear path outside of Ohio's left tackle, and the score was tied. Capt. Riblet then proceeded to put his team one to the good by kicking good.

The O. S. U. was now on the run. Julian covered 20 yards on a formidably run, and it is not always easy to secure him. His stay at this time will be limited, as he will doubtless have to return with an east-bounded goal.

George Tryon is chief draftsman for the Anacoda Copper Co., at Anaconda, Mont.
The M. A. C. R E C O R D.

The M. A. C. R E C O R D.

TUESDAY, DECEMBER 3, 1912

THE game at Columbus has been of great prominence which no other game has ever done. It was one of two or three big games on that day, and the prominence was given the M. A. C.-Ohio contest. It was the good, clean, consistent work and fighting spirit which enabled them to win against odds, and to the loyal band of students the game was a prominent part. In short, we were thankful on Thanksgiving.

LIBRARY RECEIVES GRADUATE'S BOOK.

"Culinary Herbs" is the title of a new book presented to the library with the author's compliments, the fourth that M. G. Kains, '97, associate editor of American Agriculturist, has written for Orange Judd Company, of New York. The volume, liberally illustrated with half tones and line drawings, Kains declares in his preface, should help to reduce the cost of living, for it indicates ways in which both home and garden may be used for food economy, especially by showing how the housewife and the chef may utilize "waste cuts" and "leftovers" to make appetizing dishes, and thereby reduce household expenditure.

The author, who writes from both experience and observation, is a skilled and practical exponent of sowing of soils, fertilizers, cultivation, harvesting, curing and uses, but also inverts the fallacy of "waste cuts," though evidently personal adores; among them several that have been voted for not only one which tallies closely with a certain culinary episode which oc- curred at "The Monastery," in the days when "all the Smiths, "Fyfe, "were respectively "fairy" and "stew-hard," he tells how culinary work amounts to a series of reces- sions through an alternating series of stews and pies, each time dis- satis- factory, until an unforeseen circumstance, the frag- ments remaining ** * • did not continue the cycle and he says it that either "E. H." Van Norman, '97, or "Dave" Trine, '97, becoming the chemist, and cutting stew-pie-stew-pie, arose in the night and utilized the remnants for French toast.

Other touches of culinary elegance the very practical book which, in addition to the general treatment of herbs individually and fully. Special emphasis is laid upon the advantages that both professional cooks and amateur gardeners can secure by growing herbs, not only separately, but as companions and succession crops to secure maximum returns from min- imum areas. Plans are also pre- sented for the production of many of these herbs in a greenhouse, where they may have its supply, not merely of dried and decreted herbs, but of fresh greens. Indeed, its completeness makes the book appeal to both amateur and professional gardeners and chefs.

AMHERST LETTER.

By Dr. W. J. Beat.

Amherst College, ninety-one years old, has considerably less than 200 students and its members of Greek-letter fraternities, and are housed in dwellings scattered over a quarter of a mile. There was a reception commemorating the completion of the house of the local chapter of the Phi Upsilon Fraternity. The building cost $75,000, and the value of the lot and fixtures bring the total worth up to $100,000. There are about forty members, but only twenty-four can be comfortably housed in those headquarters. I talked with a number of the members, who were well-groomed and apparently satisfied with their surroundings, still I would rather trust to the noon for the line career who had put none less, style,—perhaps such men as M. A. C. at one time had in train.

Previously to '87 the furniture of many rooms for each student cost not over five dollars.

From my study and from my parlor to the north about 150 feet I look squarely at one end of Dr. Marshall's house, not yet supplied with radiators for heating.

On the "ramsh" in Amherst, pur- chased by R. S. Baker, '89, we found a large log, twelve feet long, and from this log the difficulty of converting it into stove wood. Long ago we had cut it up, and with much difficulty, some with fun and some exercise with cross-cut saw, axes and adzes. A very pleasant sight, and the wood is a valuable commodity.

I suppose all M. A. C. people are aware Prof. Clinton is to go to the development of agriculture is now underway, beginning at the beginning of the new year. Thus another M. A. C. student leaves the New England field.

MARYLAND WEEK.

By M. G. Kains, '97.

Maryland week at Baltimore is one of the greatest events in agri- cultural affairs in the East. This week witnessed the annual meetings of several agricultural associations, and a big exhi- bition held in the Fifth Regiment Armory, the space of about 50,000 square feet. As I have not seen any of the in- dividuals from Ohio, I have nothing western with which to compare it, but as I have seen many people in these parts I place it at the head of the list, not only for extent, but for character and quality. Practically nothing is admitted that is not strictly agricultural; the only booths that were not such at the last exhi- bition were a women's suffrage booth, a lunch counter, a cider and soft drinks booth, and a tiny stand for a scissors artist. All the other booths were legitimately agricultural in their nature—fertilizers, sprays, seeds, nursery stock, etc.

In connection with the exhibition, the Maryland Horticultural Society held their annual meeting. On the program of the Maryland Horticultural Society were Miss Cornelia K. Boyce, of Haddonfield, N. J., and Mr. Robert Elliott, of the Sunset Avenue, Western American Growers.

He held an audience well, and frequently paid for his speaking, with which you know is admitted to be the most certain way to dispense a character.

At the show I also met A. Anderson, '05, editor of the Penn- sylvania Farmer, and Prof. C. A. McCue, '01, of Delaware Agricul- tural College. McCue, Prof. W. H. Hutt, state horticulturist of North Carolina, and 2, judged her exhibits of farmers clubs and subor- dinate Growers. McCue was also one of the judges on the seeds, fruits and herb. So M. A. C. was pretty well represented at the state gather- ing.

Tom C. Whyte, '11, manual training, was at the show Saturday and Sunday with M. A. C. friends.

In the forestry club meeting to- night a beautiful series of stereo- view slides will be shown, represent- ing in part the work on forest reservations. Marcus Westerfield will talk on "Michigan Wood Land.

Referring to the meeting of the Michigan Horticultural Society at Grand Rapids, the Michigan Farm- er says that the meeting again gave to the real feature of the third meeting, and one that was thoroughly appre- ciated by every member present. This was the first time that con- test by senior students of the Michi- gan Agricultural College, the boys being able to see the talks of inter- est and profit on live topics in fruit growing. Fifteen young men par- ticipated in this contest, judged by Prof. Eastace and limited to five minutes. Score cards were distributed among the audience, and 100 judges. Each one of the speakers did remarkably well and there was difficulty in selecting the winners."
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About the Campus

Dean Shaw is one of the referees in the student stock judging contest at Chicago this week.

Some 25 or 30 men left Sunday evening for Chicago, where they will attend the big livestock show this week.

The Athenians held their fall term party in the assembly room of the Agricultural Building Nov. 29. Prof. and Mrs. Taft and Mr. and Mrs. Hiegs were patrons.

Dr. Schorger, of Armour Institute, spoke in the Armory Tuesday night to a good sized audience. Dr. Gunasulius was unable to meet his appointment, and sent Dr. Schorger in his stead.

In the great Mariposa Grove of Redwood in California, which is in one of the U. S. reservations, one of the largest trees has been named for Michigan. In view of this, our engineering department has been commissioned by the board of directors to make a bronze tablet to place on the tree. The tablet will contain the name Michigan, and also the coat of arms of the state.

Sec. Brown has issued, under special cover, a financial report of the college for the year ending June 30, 1912. The report was prepared by Cashier Schepers, and an attempt has been made to adapt it to the forms recommended by the Carnegie Foundation for the advancement of teaching. The report is complete in every detail, and will be mailed to such persons and institutions as are likely to be interested.

Sahm Langdon, '91, the popular teacher of agriculture at Waterville, was a college visitor last week.

P. K. Foo, one of our Chinese students, left early for the big stock show, intending to visit some of his countrymen in Valparaiso, Ind.

The Irish-Alpine party was given in the armory on Saturday night of last week. Prof. and Mrs. Clark and Prof. and Mrs. Linton were the patrons.

A fine new instrument case has been added to the equipment of the veterinary clinic room. The case frame is of enameled steel, and the instruments are on shelves of heavy plate glass. Two new sanitary irrigating basins have also been installed.

The annual football banquet will be held in Club D Friday night, following an informal reception at 7 o'clock in the Union Lit house. The football team are in this manner shown appreciation for their work, and a number of excellent after dinner speeches will be made. Tickets are on sale at the Secretary's office.

The short courses for farmers, to be held in connection with the high schools teaching agriculture, begin this week. Beginning at Addison, these courses will be carried on at Hudson, Hart, and St. Johns, before the holidays. Those who will have charge of the instruction work are: Prof. R. L. Nye, Field Agents White, Raven, and Tyler, Dr. McDaniel, and Mr. Oviatt.

The Columbus 10 o'clock party was given in the society rooms Saturday evening. Prof. and Mrs. Sawyer and Prof. and Mrs. Shoosmith were the patrons.

Prof. R. C. Huston, of our chemical department, was married on Thanksgiving Day to Miss Michel A. Moyer, of Fairfiekd, Iowa. Prof. and Mrs. Huston will be at home at the present time in East Lansing.

Mr. and Mrs. Harbeck and family, of Grand Rapids, spent the Thanksgiving vacation with M. A. C. friends. Mr. M. has the work of organizing the biology department in the present Union School at Grand Rapids.

Instructor George Brown left for Chicago Friday evening, where on Saturday he will attend the sessions of the American Society of Animal Nutrition. Among the speakers on the program are Dean Munnford, of Missouri, and Prof. H. J. Waterman, of Columbia, Mo.

Mr. C. J. Burkhart, of Binghamton, a short course student in 1909, has certainly proven what can be done in the poultry line. For the fiscal year ending Nov. 1, 1912, he had made his flock of 500 hens return a net profit of $8.50 per bird. In addition to this, he sent several birds to the State Fair, where he won first pen, first second and third cockerel, second pullet, third cock and third hen. This illustrates what can be done with a combination of commercial and fancy poultry.

Dr. Gillette accompanied the party going to Chicago Sunday night, and will attend the C. S. Live Stock Association meeting.

The Michigan State Bee Keepers' Association, which is a branch of the National Association, will meet at M. A. C. on Dec. 12 and 13. The program will be forthcoming a little later. The details have not as yet been worked out.

When in Cleveland recently, Dean Bissell was privileged to attend an informal luncheon with the following members of the faculty: H. G. Driskell, '02, R. F. Bell, '05, Dalton Momaw, '97, G. A. Parker, '97, B. A. Stowe, with '05, F. H. Valentine, '09, and R. M. Lickly, '01.

Miss Winnie O'Connor arrived from England recently for a visit with her sister, Mrs. Thos. C. Uphol, and will probably make this her future home. Miss O'Connor is an expert tailoress, having for some time been employed by the queen of Greece to sew for her children.

Dean Hunt, formerly of Penn. State, has recently been called to the University of California as dean of agriculture, and is taking with him several eastern men. Among these are Dr. Webber, of Cornell, who is to be head of the research division of plant breeding, and H. E. Van Norman, '97, to have charge of the division of dairying. Both Dean Hunt and Dr. Webber were at M. A. C. during the graduate school last summer.
Ed. Smith, '12, in a letter to Mr. Gunson, described his recent trip to Edmonton, Alberta, the most northern railroad station on the continent. We have been permitted to quote the following:

"The Canadian Rockies are supposed to be the most beautiful in America, and a sentimental tendency that usually sleeps within me awoke and tempted me to see their grandeur by moonlight. So I took a sleeping car. But it rained and was too dark to see anything. In the morning we were still in the mountains near Field, B.C. It was very cloudy and great banks of vapor came down, so that only the very bases of the mountains could be seen. But as we went up, and finally reached the summit of "Kicking Horse Grade," the vapor turned to a snow storm, and we were in the dead of winter. It had been this way for some time, for the snow lay deep all about, trees were frozen, telegraph wires strung in fleecy ropes, while every stump and pole stood capped with its white load of winter.

"Soon we came to the Cascades, and they were the same old Cascades in knee-pant days we saw picture in our geographies. Some rugged peaks, some jagged old ranges with their jetting, joggling, and swaying strata of rock made distinct and impressive with their ledges of snow. Just about this time we passed through the Buffalo park, and saw the Indian of the Bovine tribe again toughening up for the wild west. Then the sun came out through the vapor and gave us even more grand pictures that fairly made the imagination swoon. Never before have I known what the word 'delicate' means. I saw the radiant sunlight breaking through one of those fronts of mist that was twined about a mountain crest scarcely touching it. All the time it becomes more and more filmy in its lace-like screen over the gentlest tints of blue that the sky ever paints. Something about the contrast and the gentleness of it made one think one was seeing some film-like monster that would float from a fairy." Mr. Smith is in charge of fruit storage and transportation investigation for the department of agriculture of British Columbia.

Ed. Smith, '12

Alumni.

"The New York State College of Forestry at Syracuse University was established by special act of the state legislature in July, 1915. There has been developed a five year professional course, a one and two year ranger course on the college forest of 1800 acres, and a summer camp of 4 weeks. A forest experiment station of 100 acres has been established just south of Syracuse. The making of plans for the protection and management of timber lands and for reforestation of waste areas is receiving much attention. Hugh Potter Baker, '05, is dean of the Dept. of Forestry at Syracuse.

"A. D. Peters, formerly of Cleveland, Ohio, is now real estate agent for the Lake Erie & Western Ry. He is located at Indianapolis, Ind.

"The work of Miss Pauline Raven, formerly at the head of the Domestic Science department here, is meeting with very general approval in Missoula. Miss Raven is fair her department in the Warrensburg Normal School was awarded first place for the best exhibit in domestic art."—The Industrial Normal Exponent.

"Dr. and Mrs. Howard Orvis, of Schenectady, N. Y., are the proud parents of a little daughter, Clara Angell, born August 24, 1912. Mrs. Orvis was formerly Miss Lillian Angell, '06, and Dr. Orvis was with the class of '08.

R. A. Small, with Small Brothers Engineering Construction of Benzonia, Wisconsin, writes as follows:

"These days have been so full that I have not found time for current reading other than M. A. C. news. We are blessed with all the business we can handle, and have turned away several jobs this summer. Our reinforced concrete bridges, recently completed, was accepted without delay, and while we are building another one nearby, we have broken ground for a reinforced concrete bank building for winter construction. The work has proven very pleasant and profitable.

Mr. Small sends greetings to all.

Mr. and Mrs. Pratt, B. B. Pratt, Miss Louise Keller, also a former M. A. C. student, at the First Presbyterian church in Lansing, after an extended wedding trip, Mr. and Mrs. Pratt will be at home for the winter in Portland, Oregon. The church was the scene of a beautiful double wedding ceremony of same evening Miss Keller's sister, May Adella, became the bride of Mr. C. Caldwell, of Billings, Mont.

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