

The M.A.C. RECORD

The Wood Thrush

I.

Deep in a woodland dark and green,
Where peeping sunbeams softly fell.
The carol of a bird unseen
Rippled in eddying swell;
Breaking the breathless stillness of the mossy dell.

II.

Showering strains of tenderness,
Now, faint and sweet, and far away,
And then, distinct from the wood's recess,
Bubbles thy liquid lay;
Thrilling with radiant love beneath the bending spray.

III.

Ever chanting, spirit blest,
To her, alone, who shares thy pleasure,
Cheering her on the leaf-screened nest.
Joyfully I treasure
The fragment echoes of thy silvery measure.

—Russell H. Waldo, '16.

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AGRICULTURAL COLLEGE ASSOCIATION
EAST LANSING, MICHIGAN.

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THE M. A. C. RECORD

VOL. XXII.

EAST LANSING, MICHIGAN, TUESDAY, OCTOBER 3, 1916.

NO. 2

MATSURA, '96, WINS HIGH HONORS IN JAPAN.

The following letter has just been received at the Record office from Wahey Matura, '96, who is professor of mechanical engineering in the Tokyo College of Technology, Tokyo, Japan.

Tokyo, Sept. 13, 1916.

Dear Alumni Secretary, M. A. C.:

Catalog of officers and graduates is received with many thanks. I have been neglecting to inform you "a' of myself" and thought my name was stricken out from the list altogether, but found it not so.

I hereby beg to inform you that the Minister of Education has conferred on me the degree of "Kogaku Hakushi" (Dr. of Engineering) last year in February. It is customary here in Japan that the universities confer only baccalaureate degrees which are not at all official affairs, but the Dr.'s degree is conferred by the Minister of Education in accordance with Imperial decree and is officially registered.

All the rest given in the catalog remains unchanged.

Taking this opportunity I express my sincere exultation and respect to our beloved President F. Kedzie who is the most kind 'Prof. of Mine.'

Again if it is not too much trouble please remember me to my Hesperian brothers. I have been "having hands, write not" to them. They send me, once in a while, The Hesperian Star and write me to subscribe M. A. C. Record also. Being so far away, however, everything does not go so easy as to turn your hands.

Very truly yours,

W. MATSURA,

205 Yoyogi, Tokyo, Japan.

KALAMAZOO ASSOCIATION MEET- ING OCTOBER 11.

The M. A. C. Association which was organized in Kalamazoo county last spring will hold its annual reunion and banquet October 11. Announcements as to place of meeting and speakers will be made later.

A. J. COOK, '62, DIES AT OLD COOK HOMESTEAD NEAR OWOSSO.

Albert John Cook, the last surviving graduate of the class of '62, died last Friday morning at the home of his son, Albert B. Cook, '93, in the Maple River neighborhood, south of Owosso.



ALBERT JOHN COOK.

Prof. Cook had been with his son on the old Cook homestead since May, having tendered his resignation as State Horticultural Commissioner of California to take effect June 1st. Governor Johnson, in compliment to the splendid service he had rendered California, declined to accept it.

Prof. Cook was born on the farm of his father, Ezekiel Cook, near Owosso, in 1842. He was instructor in mathematics at M. A. C. from 1867 to 1869; professor of zoology and entomology from 1868 to 1893; curator of the museum from 1875 to 1893; and entomologist of the experiment station from 1888 to 1891. In 1893 he became professor of biology in Pomona College, California, and served that institution until 1911 when he was called

to be state horticultural commissioner. While at Pomona he also acted as conductor of the university extension work for the University of California.

An eminent bee man, the first to demonstrate the value of arsenates as a specific against the codling moth, and author of many scientific works, Prof. Cook leaves a record of service to agriculture and humanity.

He is survived by his widow, of Claremont, California; a daughter, Katherine Cook Briggs, '93, of Washington, D. C.; and A. B. Cook, '93, of Owosso. The funeral was held Monday afternoon, Rev. W. R. Kedzie, '99, of St. Johns, a cousin of the deceased, officiating. A large number of college instructors attended.

ENROLLMENT EXCEEDS LAST YEAR'S BY GOOD MARGIN.

The figures for enrollment for the fall term on file at Registrar Yakeley's office last Friday night exceeded those of last year by a comfortable margin. The total was 1484 against 1437 a year ago. Of this number 523 were newcomers. This exceeds last year's class by 36. The freshmen were distributed among the various divisions as follows: Agriculture, 223; engineering, 138; home economics, 146; veterinary, 16. Corresponding figures for last year were 229, 132, 119, and 7.

Last year 25 per cent more freshmen girls registered than the year before and it was hardly expected that this record would be broken, but the figures show almost 20 per cent more girls this year than last, giving evidence that M. A. C.'s Home Economics division has an enviable reputation. The increase in engineers is very gratifying, and it would seem that people of the state believe with R. E. Olds that M. A. C. training makes good engineers. The slight falling off in agricultural students was more than expected when the poor farming conditions of the past summer were taken into consideration.

A good many of the students have not returned as yet, most of the junior foresters being in the west, and several students have been called to the Mexican border without much hopes of their release this term. The total for the term is expected to run considerably higher than 1500.

THE M. A. C. RECORD

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C. S. LANGDON, '11, Managing Editor.

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TUESDAY, OCTOBER 3, 1916.

A NOTED METEROLOGIST takes considerable space in a recent Atlantic Monthly to show that the excessive rainfall this year is not due to the heavy cannonading in Europe. It wouldn't take much space to prove this to the farmers of Michigan. D. A. Seeley, '98, of the East Lansing Weather Station, reports that since June 29th and 30th, when 1.58 inches of rain fell, no considerable amount of rain had fallen until Sept. 26 and 27 when a fall of 1.72 inches was recorded. The usual rainfall during this time is about eight inches. During July this year we received .09 inches, the mean being 3.28; during August we received 1.08 inches, the mean 2.91. This past summer has been the driest, with the exception of that of '94, of them all since records have been taken at the College. These began in 1863, Dr. R. C. Kedzie having charge of the work at that time. But we are not through with superlatives yet. The month of June this year holds the record for precipitation, and it was also the coldest June ever recorded. Then the tables were turned so that July holds the record for heat and also lack of rainfall. Thus we have had the coldest, the warmest, the driest, and the wettest summer ever experienced. The campus never looked better at the end of June than this year, and never looked worse, if as bad, at the middle of September.

* * *

IF YOU DON'T get your Record each week just blame the editor. This year we are mailing them with the addressograph owned by the Experiment Station, and we believe we can do it much quicker than before when we really get the operation organized. The Records have previously been mailed by the printer.

* * *

DID YOU RECEIVE a pink slip this week or last? This is the means we have taken to notify you when your subscription expires. We will acknowledge the receipt of money by sending you a postal. Of course we may make mistakes—we're almost human, at this end of the line—but 'all mistakes gladly rectified.'

SEPTEMBER STATE BOARD MEETING.

The September meeting of the State Board of Agriculture took place at the President's office on the 20th, with Dr. Kedzie, Messrs. Graham, Beaumont, Woodman, Wallace, Doherty and Supt. Keeler present.

The matter of the laying of the corner stone of the new gymnasium was referred to the President and Secretary with power to act.

The degree of bachelor of science was conferred upon the following: Henry Ahnefeldt Goss, Russell Huntington Waldo, Frank Marshall Granger, James Roland Quinn, John Jacob Krammin, and Wallace Heyser Gillett.

On motion of Mr. Graham the following rate of pay was established for students employed by the college at common labor: For continuous labor for whole or half days, 20 cents per hour; for single periods between classes (usually meaning about 45 minutes), 15 cents.

The President presented a report from Dean Lyman regarding the production of hog cholera serum. It was directed that the funds now being used to manufacture hog cholera serum be devoted to the investigation of contagious animal diseases.

The rule in reference to the refund of room deposits was suspended as to M. A. C. students now in service of National Guard.

J. W. Nicolson was authorized to go to Madison, Wis., to confer with those in charge of farm crops extension work at the University of Wisconsin.

A half time graduate assistant was granted to the Forestry department for the present year.

The recommendation of Prof. Plant that M. A. C. be made an institutional member of the Mathematics Association of America was approved.

Dean Shaw was requested to investigate the work of S. S. Boyce upon milkweed fibre, report the results, and arrange for closing up the work of the season.

Dr. Bouyoucos of the Soils department was given permission to go to Ithaca, N. Y., to consult with Prof. Bancroft in regard to Project Adams 3a.

The President and Secretary were authorized to contract for the purchase of lots 1, 2 and 3, River Bend Plat, city of East Lansing, known as the White Elephant property, sum not to exceed \$4,000.

The following statement in regard to the work of the field agent in marketing was adopted:

In consideration of the fact that many questions are being asked relative to the power and duties of the field agent in marketing, the State Board of Agriculture deems it advisable to issue the following:

The field agent in marketing shall investigate the production and market-

ing of farm products. He shall assist in the organization of co-operative and other associations and afford them such advice and assistance as he may; shall assist in establishing grades and standards for market purposes. He shall give information to Michigan producers on the market conditions in the various states of the Union and foreign states. He shall gather such facts as may be available regarding the relative crop production and the relative demand, both at home and abroad, and shall gather and present to the agricultural producers and the public all such facts and information as may be attainable regarding such production and market condition.

We do not deem it advisable, however, that he enter into the question or practice of fixing or attempting to fix or establish prices on any agricultural products. We deem it the business of the field agent in marketing to supply to the agricultural producers the above information speedily and in plain and concise form so that each individual or co-operative society may judge when to sell and what prices to demand.

DOES PROHIBITION PROHIBIT?

President Kedzie has unearthed, through the assistance of Instructor Wible of the mathematics department, what he thinks to be an attempt on the part of the wet forces to show that prohibition does not prohibit and to influence the college students at M. A. C. against the dry cause.

The plot was opened up one morning last week when Mr. Wible noticed in a clump of bushes on his way to the office a brand new suitcase. Thinking that it was the result of a sophomore prank on a freshman he reached over and took hold of it. The case was heavier than an ordinary one filled with personal effects. Upon examination it proved to contain 20 half pints of a 'select' brand of whiskey. The bottles were wrapped in wet literature with the admonition, "This is a sample of what you won't get if the State goes dry."

The wet goods have been turned over to the Chemistry department for use of students in analytical work. And incidentally it is said that this lets the college out of a lot of red tape which it would have been necessary to go through to procure some of this material for chemical use.

A daughter, Margaret Jane, was born Sept. 26, to Mr. and Mrs. S. E. Crow, 1311 W. Ottawa St., Lansing. Mr. Crow is instructor in mathematics at M. A. C.

The annual Y. M. and Y. W. C. A. reception took place in the Armory last Friday night after the mass meeting.

LITTLE STORIES.

A recently created position in the college of agriculture at the University of Wisconsin is that known as supervisor of field extension work of the department of animal husbandry. Geo. C. Humphrey, an M. A. C. man in the class of '01, is head of this department and in his search for a man to fill the new position his attention was drawn to the work of D. S. Bullock, '02, who has been for the last four years principal of the Marinette County School of Agriculture, Marinette, Wis. During this time Bullock has been foremost in promoting agricultural projects. He organized the county experiment association of 300 members, which is, with one exception, twice as large as any similar organization in the state. This past year \$2,800.00 worth of pure seed was distributed to new settlers in the county, and mostly on time—this being the only place in the United States where this has been done successfully. He promoted the organization of a co-operative cattle buying association which has within the last two years distributed eight carloads of pure bred and high grade dairy cattle within the county. His advice has been freely sought by real farmers and tirelessly given. His record was good enough for Prof. Humphrey and he began work at his new duties August 1.

Previous to his work at Marinette, Bullock was for ten years at Temuco, Southern Chile, as missionary instructor in agriculture. In fact, he left for South America directly after his graduation in June, 1902. Here he took an active interest in the agricultural development of the country. With all his duties he found time to make a careful study of the animal life of the region and the case of birds and mammals in the college museum, presented by him, attest to his interest in his alma mater meanwhile. Despite the fact of his long absence and the lack of close touch with the agricultural development in this country he went at his work in Wisconsin in such a way that showed he had kept entirely up to the minute in agricultural practice, and his success in Marinette county, not only as a teacher but as a leader of farm forward movements, proved his capability for the new position.

"Putting one over on Michigan" is the delight of M. A. C. students. Laidlow and Smith who handled trunks for M. A. C. students at the beginning of the term left the campus last Thursday night in the driving rain for Ann Arbor, where they are reported to have done a driving business with University luggage.

Miss Maude Gilchrist, former dean of women at M. A. C., is visiting at the college.

LANKEY, '16, STILL LEADS CHEERS.

That F. I. Lankey still leads in the cheering is evidenced by the following letter recently received by the Record: "I assure you the only reason my little cold dollar has not reposed in the exchequer of the Record long ere this is that Time has wings, and the only enemy of us all, 'Wait 'til tomorrow.' I don't want to miss a single issue of the Record, nor miss a single event incident to college life, and you may rest assured that the ethereal spirit of one F. I. Lankey will be omnipresent at every game the Fighting Aggies play and will root, even though I am a thousand miles nearer the North Pole than my M. A. C. brethren. The fame of the Michigan Aggies is by no means unknown in this country and they talk of Julian, Smith, Deprato, and the Miller Bros. in the same breath with Solon of Minnesota, Maultbetsch, and the other big boys.

"I'd give anything in this wide, wide world to be able to stand in Ferry Field this October and holler, 'Come on everybody—let's have a big Boomer'—but such is life and instead I'll probably be yelling, 'Come one, you bonehead, Rod-up,' and wading in snow up to my neck, for we had our first snow Sept. 16. I am employed by the Duluth, Missabe & Northern Ry. Co. on construction work on a new \$4,000,000 ore dock, the largest in the world. The job will probably take two or three years to complete. The approach is 3,000 feet long, of deck girder type, 85 feet high, and the dock proper is 3,000 feet long, carrying three tracks on the deck and containing 384 pockets, each capable of holding 300 tons of ore. Ten of the largest freighters on the lakes will be able to load at once. The work is very interesting and the experience is great and of course they pay money, a little, to have my smiling face around the premises. On the whole, I'm very well satisfied, but I wish the Aggies would schedule a game with the Duluth Wildcats or the Superior Terrors up here so I might have the pleasure of hearing a regular team holler signals.

"I will be glad to answer letters or cards from anyone who is, or ever was, connected with M. A. C., especially '15 or '16 (ags, vets, horts, or even H. E.'s are not barred). Just place 1931 Jefferson St., Duluth, Minn., in the proper place on an envelope and I'll write back."

In the absence of the hydraulic laboratory the senior civils will rate the water flow from the college dam to about one mile above Okemos, figure out the land that would be flooded, determine the power to be obtained by building a large dam at the College. This data will be turned over to the college for future use.

WEDDINGS.

Miss Marion Walker, '15h, and Prentiss M. Brown, both of St. Ignace, were married early in June. Mr. Brown is prosecuting attorney of that county.

Gladys Pauline Creswell, '14h, and Leland Kellogg, with '14, were married on July 27. Mr. and Mrs. Kellogg will live at 332 Charles Ave., Grand Rapids, Mich.

Ethel Mae Adams, '05, and Joseph Harold Hedges of the same class were married Tuesday, September 5, at Salt Lake City. They are at home at Eureka, Utah.

E. Lynn Underwood, '15, and Miss Bernice E. Bradish of Adrian were married Sept. 16. They will be at home in East Lansing, as Mr. Underwood is teaching chemistry at M. A. C.

Maude Athena Bradford, '15h, and Alan Ray Star, '14a, were married at the home of the bride's parents, Portland, Mich., Sept. 16. They will live at Grass Lake where Mr. Star is assisting in the management of a large farm.

Maurice B. Parsons, '15e, and Miss Ruth Eberhart of Lansing were married at the home of the bride's parents, Tuesday, Sept. 26. They will make their home for a time at 1308 N. Walnut, Lansing. Mr. Parsons is working for the New Way Motor Co.

NO TURNIPS OR CORDWOOD ACCEPTED.

One of our subscribers writes as follows regarding such minor matters as renewing subscriptions:

"Years ago I worked on a local paper where we literally took cordwood, turnips, or whatever else a farmer had in the way of subscription. That kept us fat and hardy but the trouble was that the paper man and ink man would not accept this class of currency, and we lost out in our inability to turn turnips and hay into money without losing too much of it."

The present editor is in just about the same position. He might be able to use a few potatoes or beans *on account* but for the most part he desires that renewals be paid for in cash—a check is the handiest way—and promptly. Our printing bills are going to be something immense this year, due to increase in costs all along the line. Don't hesitate to send in a new subscriber, either.

AGGIES DOWN OLIVET EASILY— MAKE MANY SUBSTITUTIONS.

In the annual opening tilt with the Congregationalists Saturday, the Aggies got away with six touchdowns, and the small end of the score, which was 40 to 0, shows just how much chance the Olivet gridders had during the entire game.

The game was an intensely interesting one, in theory, for it was the initial appearance of M. A. C. under the three-year rule, with a new coach, and a considerably changed line-up from that of last year. In fact, however, it was altogether too one-sided. Except in the third quarter, when the Aggies presented an almost new team, they went through the Olivet line at will. During the game 14 substitutions were made and the character of these, while it proved other things, also proved that Coach Sommer has a wealth of material, the one-year resident requirement notwithstanding.

And with the men at his command the new coach has been doing some experimenting. His line up of old men Saturday was not at all what might have been expected. In the first place Butler, star end last year, and one of the men who was not expected back, put in an appearance early last week and Aggie fans heaved a sigh of relief when they thought that that settled the end job. But not so; Sommer used him at fullback as a teammate for the shifty Jacks. And Butler was fully equal to the occasion. Chapel, one of last year's recruits who was slated for a guard or tackle job, went in at end as a running mate for Henning. And a substitution had to be made in the pivot position, for Frimodig wrenched his shoulder Thursday and will probably be out for two weeks. Archer, the rangy Benton Harbor lad, performed in this position very ably. Pattison, a big beefy fellow, showed up remarkably well at right guard.

Huebel acted in the capacity of general the greater part of the time and proved to be up to his form of last year. Fred Jacks, left half, was by far the most consistent ground gainer of the backfield and from his open field running fans expect him to do the work formerly expected of Blake Miller or Daprato. He is good solid muscle all through and can hit the line like a catapult. Capt. Henning made some of the prettiest gains of the day and his tackling was of the deadly variety. Three touchdowns are credited to him. Baker at right half has been a watched youth and while his fumbling was quite noticeable Saturday and he seemed to lack somewhat in speed there is evidently good material in him.

One of the pleasing features of the day was the excellence shown in the forward passing department. Several attempts went for good gains, one of

them to Henning back of the line for a touchdown. In fact the boys looked as near master of the aerial game as at the end of the season a year ago. Something slightly new was also noticed in the way the home team went down the field on receipt of the ball at the kick-off.

They plowed down in a body and were always able to advance the ball a good distance. These good features made up somewhat for the poor showing in the punting line. Here Daprato's toe was sadly missed, not that M. A. C. had to punt often, but when she did the ball was advanced only for 20 or 30 yards.

Two of the six touchdowns were made in the first quarter, two in the second, and two in the last. Baker got four goals from touchdowns out of the six attempts. Touchdowns were made by Henning, 3; Jacks, Huebel, and Butler. The summary:

M. A. C.		OLIVET.	
Chapel	L. E.	French	
Straight	L. T.	Johnson	
Van Dervoort	L. G.	Samis	
Archer	C.	Bacon	
Pattison	R. G.	Dickie	
Blacklock	R. T.	Webber	
Henning	R. E.	Currier	
Huebel	Q. B.	Watson	
Jacks	L. H.	Hinigan	
Butler	F. B.	Schlack	
Baker	R. H.	McDonald	

Substitutions—M. A. C., Ramsey for Chapel, Franson for Van Dervoort, Smith for Archer, Coryell for Pattison, Ode for Coryell, Miller for Blacklock, Coulter for Henning, Thompson for Coulter, Springer for Huebel, Springer for Jacks, Fick for Springer, McClellan for Butler, Beake for McClellan, Brown for Baker. Olivet—Lothridge for Samis, Clemens for McDonald. Time of quarters, 10 min. Referee, Hoagland. Umpire, Lynch. Head linesman, Cox.



Coach Frank Sommer and Geo. Gauthier settling a moot point on the athletic field. Coach Sommer carries a cane but not from choice. He broke a leg this summer and is just recovering.

ENGINEERING BUILDINGS ARE BEING RUSHED.

Classes in the new engineering shop No. 3, back of Wells Hall, began with the opening of college work last Wednesday morning. And while this was the only shop that could really be used for instructional purposes, the others are being pushed rapidly. Work in the engineering laboratory can be begun immediately as it is entirely roofed, and as rapidly as possible machines are being installed in shop No. 2. The two story shop will be completed about Nov. 1st.

The main building, "The R. E. Olds Hall of Engineering" as the stone above the entrance indicates, begins to loom up very much like the old one. Stone, window frames, and brick are all up for the first three stories. One of the interesting things is that during the summer the ivy on the main engineering building has crawled up the stone as they were laid and now it nearly reaches the second floor windows in several places.

THE HOPE FARM MAN.

Such is the title of a very well written human interest story in the August *Forum* by J. E. Sanford. The man in question is Herbert Winslow Collingwood, M. A. C. '83, now editor of the *Rural New Yorker*, a paper with which he has been connected thirty-one years. The farm in question is a tract of land twenty-three miles from New York City, two miles from Wordcliff Station, New Jersey; one of those farms that six generations of Hollanders had made little more than a living from, with a side hill that yielded stone for three miles of fences and seemed to have enough more to wall in the State of New Jersey. "We named it Hope Farm," said Mr. Collingwood, "because hope was about the only thing it offered."

It is on this farm that Mr. and Mrs. Collingwood have reared nine children, eight of them taken into the home from the outside. Two of them have grown up and gone to other work in the west and south. A third is in college and a fourth is in normal school. The others are still on the farm which has become one of the show places of the section. Mr. Collingwood believes that there are enough neglected children in our cities to cheer all the lonely farms in the United States. But he would not dare advise every farmer to take a family of children.

Alumni of Collingwood's acquaintance will enjoy this description: He is a trifle below medium height and has a well-knit body, the result of years of hard work, with much outdoor life. His hair and mustache are iron-gray, and his face is bronzed by sun and wind. His features are easily those of a New Englander—he was

born on Cape Cod fifty-nine years ago. There are few wrinkles and no sags. He has a contented smile, and his eyes look at you frankly and kindly. They convince one that there has never been anything behind them to conceal. Studying him, one congratulates the children who have had him for a second father.

Mr. Collingwood has written a book, "The Child," which is founded on the story of one of the waifs.

NEWS AND COMMENT

Former coach, J. F. Macklin, writes that he expects to visit the College early this month. He is engaged in mining at Colver, Pa., and, while he likes his work, he says that the old football fever grows strong as the season opens.

For the convenience of freshmen in finding their way about the campus at the opening of the term, all buildings were labeled, even to the 'private residences' on Faculty Row. Some one suggests, "Why not have them permanently labeled?"

During the summer Prof. Gunson and his men have been rebuilding most of the campus roads. The work consisted in the removing of the surface dirt, filling in with broken brick and stone from the engineering buildings, and covering with gravel.

Prof. H. J. Eustace, head of the horticultural department, returned from his year's leave of absence early in September. He has visited all the important fruit sections of the country, and many of the agricultural colleges and experiment stations, meeting M. A. C. men at every turn.

Careful students of campus landmarks will greatly miss this fall the Norway spruce which was just to the east of the walk and among the group of three spruces between College Hall and the postoffice. Several years ago it was struck by lightning and had been slowly dying so that it was becoming unsightly and it was removed during the summer. With the two spruces to the west it formed a beautiful arch over the walk.

From a press bulletin of the Forest Service, U. S. Dept. of Agriculture, the following notice is clipped: The U. S. Forest Service has established a new nursery at East Tawas, Michigan. The name of this nursery has recently been changed from "East Tawas Nursery" to "Beal Nursery" in recognition of Doctor W. J. Beal who for forty years was professor of forestry and botany in the Michigan Agricultural College and who was the first man in this state to carry on active field planting of forest trees.

The following are recent government bulletins by M. A. C. men: Natal

Grass, A Southern Perennial Hay Crop, by S. M. Tracy, '68, agronomist at Biloxi, Miss.; Distinguishing Characters of the Seeds of Sudan Grass and Johnson Grass, F. H. Hillman, '88, assistant botanist, Washington; The Corn and Cotton Wire Work in its Relation to Cereal and Forage Crops, with Control Measures, and another, The Clover Leaf Hopper and its Control in the Central States, by E. H. Gibson, '12, scientific assistant, Charleston, Mo.

W. J. MacKenzie, with '09, now a lieutenant in the Canadian Engineers "somewhere in France," and from whom a letter appeared in the Record of Feb. 29, 1916, writes to President Kedzie as follows, under date of Aug. 26: "I take pleasure in informing you that my commission was granted soon after credentials from you as to education were received. Was lucky enough to be appointed to the Field Eng. of which I have been a member since we were organized at Valcartier in September, 1914. Am in command of the section which I belonged to in the ranks."

Floyd E. Fogle, former student at M. A. C., and instructor in the wood shop for two years, is now a household demonstration engineer in the extension division of the University of Illinois. He has a car fitted up with two electric lighting outfits, a water supply outfit, vacuum cleaner, cream separator, washer, septic tank, acetylene plant, and numerous other small machines that fit into a household power plant unit, and will tour the state with this. Demonstrations will be given in the day time and lectures at night. One end of the car is used for a home economics demonstration.

The first mass meeting of the season, and the first public appearance of Coach Frank Sommer, took place in the College Armory Friday evening. H. C. Rather was master of ceremonies and bits of advice and inspirational talks were handed out by Athletic Director Gauthier, Walt Wright, president of the Student Council; G. O. Stewart, Holcad editor; Capt. Henning of the football team, and the new coach. The latter appealed for more men out for varsity and also for all-fresh. His remarks were directed especially to the freshmen and he advised them to "get into something right away, and get everything out of college life that you can." He said furthermore that from now on his speaking is to be done through the performance of the team.

The methods of instruction and the results secured through regular agricultural courses in high schools are very well set forth by Prof. W. H. French in his annual Report of Agriculture in High Schools of Michigan. Here are some of the statistics for the year 1915-16: Forty-four high schools employed college trained in-

structors in agriculture; twelve instructors with less than college training; fourteen schools have developed full four units of work; two thousand five hundred and seventy-four students enrolled in agricultural subjects; one hundred forty students graduated from four-year courses in agriculture; six hundred students have summer home project work; ten hundred fifty-four students have home garden work; sixty-five boys who, previous to taking the course, had decided against farming, report their intentions of returning to the farm; twelve additional schools have introduced the agricultural course this year.

ALUMNI NOTES

'81.

The following from A. E. Smith of Olean, N. Y., will be of interest: " * * * When we reached Palmyra, N. Y., and called upon B. S. Palmer, '81, I was happily surprised to learn that A. H. Voight, of Los Angeles, was expected to stop off in Rochester the day following. Well, we three of '81, met again and I want to assure you that as the years come and go our old classmates seem more and more like real brothers. We had a most enjoyable time indeed. Both Palmer and Voight are well and real men, such as M. A. C. usually send forth. * * * Hope that we may get an item in the Record occasionally from some of the fellows from '78 to '85—just special interest, you know."

'82.

L. B. Hall, field superintendent for the Michigan Mutual Life, has recently moved from East Lansing to Hillsdale.

'85.

J. D. Towar, of the Realty Sales Co. of San Francisco, is in Lansing with a California exhibit which shows some of the beauty and diversity of California. Mr. Towar is agriculturalist for this company and the past year has made a very close study of agricultural conditions there. The company has some 10,000 acres of California land for sale.

'99.

T. C. Lewis (with), mechanical engineer in Portland, Ore., writes: "I appreciate the Record very much. Glad to know that Prof. Kedzie is now president. Proud to learn that the college keeps up its old record for clean sport, and especially glad to see their record in the recent marksmanship contest. As an index of how time flies am just making my last payment on a 20-payment life insurance policy which I started while at M. A. C. when the chances seemed slim for keeping up the payments. It doesn't seem over five years ago."

'03.

Louis G. Michael, a, who has been corn breeding expert for the Russian

Government since graduation, returned to the states in August, with his wife and six and one half years old daughter. Michael expects to visit M. A. C. this week. He is now living in Hastings, Mich.

'06.

T. F. Locke, e, has changed his address to 13 Trumbull Ave., Highland Park, Mich.

'06.

"Of course I'm not sending the dollar because I read the Record. Oh, not at all! I only read it before my letters or any other mail I may get. Have not had time to take a vacation this summer and now that school has started, guess I will not get any. I have been looking after the expenditure of about \$1,000,000.00 for street and sewers for a suburb of Columbus this summer, and, as the work is not nearly completed nor likely to be this year, I will be busier than ever. Here's hoping the football team trims Michigan twice as bad as last year. Not that I wish them any bad luck, you understand."

W. NELSON, Brown Hall,
Ohio State University.

E. F. Smith, e, who is with the Interstate Commerce Commission, Party 6, has been traveling the C. & N. W. Ry. lines in the Upper Peninsula. The party consists of ten men besides a cook and porter and they live in a private car. The work is to make an inventory of the roadway and tracks material, four miles a day being the distance covered.

'07.

F. A. Gould, e, who has been for some time professor of civil engineering at James Milliken University, is now city engineer of Owosso, Mich.

'08.

L. L. Burrell, a, is now county agricultural agent at Chestertown, Md.

'09.

A son, Philip Rorison, was born July 30 to Mr. and Mrs. R. A. Turner of Hillsdale. Turner is entering his eighth year as instructor in agriculture in the Hillsdale high school. This past year he has been employed for full time, having had one hundred and ninety-one grade and high school students doing club work during the summer.

'10.

R. G. Voorhorst, a, has returned to take post graduate work in horticulture and botany. Since graduation Voorhorst has taught two years at Rutgers College, New Brunswick, N. J., and the last four years has acted in the capacity of state fruit inspector in Montana, and also as principal in the public schools there.

G. A. Barcroft, e, writes from the U. S. Engineer's office at San Pedro, Calif.: "We have just completed the pouring of some 20,000 cubic yards of concrete in a mortar battery and are

now placing the guns therein. I expect to have a big rifle battery completed by Oct. 1 and the excavation for another well under way." Barcroft hints that he may come East this fall and doesn't expect to come alone either. No, he didn't give us the exact date, but it will be some time this month.

'11.

Wells Pratchner, a, is doing some special work in a private school which has just been organized at San Mateo, California.

Oliver M. Elliot is with the Hartshorn Auto Co. at Owosso, selling Ford cars. Two hundred was his record last year and he says he has a contract for 280 this year.

C. W. McKibbin, f, resigned his position with the U. S. Forest Service in August and is now with the Standard Realty Co., Lansing. Mr. and Mrs. (Ruth Mead, 12th) McKibbin are living at 7 Savoy Court.

Virgil T. Bogue, a, who is a landscape architect and nurseryman at Batavia, N. Y., writes that since he is living where he sees few M. A. C. people, M. A. C. news is very welcome.

Harry E. Saier, a, has opened up this summer a fine seed store on W. Ottawa Street, Lansing. He also does landscape gardening work, has a nursery, is building a greenhouse now, and will deal in cut flowers as well as all kinds of plants.

His many friends will be glad to read the following from Chas. Okada which came to the Record office in the middle of the summer and was dated April 4th, Mazatlan, Sin., Mexico. "Well, am wandering through Mexico since spring of 1914 and this is wonderful country and I can hardly believe the country situated next to Uncle Sam. Why, man, Mexico, is a semi-civilized country yet. At any rate she is a century behind the time in every thing. This is enough to say Mexico." According to the stationery Okada is with the Mexican Product Co., importers and exporters of general merchandise.

'12.

C. R. Garvey, f, is 'forest assistant at large' in the U. S. Indian Service, at present stationed at Hoquiam, Wash.

Ira J. Westerveld, e, is now assistant engineer in the Promotion Bureau of the Universal Portland Cement Co., with office at 836 Security Bldg., Minneapolis, Minn.

According to The Country Gentleman for July 29, Paul Brown Barber, a, is making a great success as county agricultural agent at Las Cruces, New Mexico. His work in Dona Ana county is written up in that number under the title, "Consider the Cow." Barber's work has been along the lines of alfalfa and good dairy cows.

(Continued on page 9.)

HOTEL HEADQUARTERS

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ALUMNI NOTES.

(Continued from page 8.)

D. F. Fisher, a, writes from Wenatchee, Washington, where he is doing investigational work for the U. S. Department of Agriculture, that for the first time in years apples will be a profitable crop this year, 8,000 carloads being the estimate. Several cars have already been shipped for export but "one wonders at the taste of the ultimate consumer for the fruit had just taken on a tinge of color and wouldn't be ripe for six weeks yet." Mr. and Mrs. Fisher and son, Frederick, Jr., expect to get back east this fall.

Ed. Smith, a, who since graduation has been engaged in the storage and transportation investigations of the Department of Agriculture, Ottawa, Canada, will resign on November 1st, to assume the management of a large citrus ranch near Corona, California. Mr. Smith has done some very high-grade work for the fruit growers of Canada as well as the railroad companies in the transportation of perishable products. It is with the greatest reluctance that the Canadian authorities accept his resignation.

'13.

Ralph Powell, '11, and Maude Nason Powell, left San Francisco for China the latter part of August. Their address will be Chang Sha, Hunan, care of "Yale in China."

J. A. McClintock, a, who is pathologist at the Virginia Truck Exp. Sta., Norfolk, Va., is the author of a recent bulletin at that station on 'A Disease of Coldframe Parsely.'

Clara M. Waldron, h, after a year's work in the James Edmundson Memorial Hospital at Council Bluffs, Iowa, returned to Michigan to take up work September 1st as dietitian at the Butterworth Hospital.

H. M. Ward, e, who has been in the Philippine Constabulary since graduation, is instructor in civil engineering this year at M. A. C. He liked his Philippine commission immensely and says that he expects to return.

'14.

A son, Donald Little Francisco, was born to Mr. and Mrs. D. W. Francisco of Hollywood, Cal., September 19.

Robert W. Goss and S. P. Doolittle, who have done a year's work at M. A. C. on their Ph. D. degree, will continue their work at the University of Wisconsin this year.

Mr. and Mrs. S. D. Gailey of Wilkinsburg, Pa., announce the birth of a daughter, Charlotte Winifred, on Sept. 6. Mrs. Gailey was formerly Blanche Hays.

Edith Lemon (with), who has attended Columbia University since leaving M. A. C., is in her father's office this year at 306 Fourth St., Olympia, Washington.

W. L. Mason, e, has charge of the Youngstown, Ohio, plant of the American Tar Products Co.; address, 712 Elm St.

Mr. and Mrs. T. G. Yunker will do graduate work at the University of Illinois this year, he to work for his doctor's degree and Mrs. Yunker (Ethel Cladlin, '15h), for her master's degree. Mr. Yunker will also do part time teaching in the botany department.

Paul Calrow, a, is teaching agriculture and doing extension work at Sherburn, Minn., this year.

Jas. T. Siebert, f, is with the Holt Timber Company, Ltd., at Midland, Ontario, Canada.

'15.

"I am located in Hayfield, Minn., teaching home economics. Our school, for the size of the town, is a wonder both in architecture and plan of the building as well as the grounds around it. This year we have new courses in normal training and chemistry and physics. Agriculture and manual training are also taught. I do wish some of my class could see the equipment I have in the domestic science laboratory." Jane E. Todd.

E. C. Mandenburg, f, expects to take up his work as extension specialist in forestry at M. A. C. about Oct. 10. This summer he has had charge of forestry work on Mackinac Island.

A. H. Jewell, e, (M. S., U. of M., 1916), stopped off at M. A. C. last week on his way to Lawrence, Kansas, where he has a position as assistant engineer with the State Board of Health. This past summer he has had some valuable experience at the city filtration plant, Toledo.

E. M. Harvey, a, has moved his photography shop into his new quarters on Abbott Road, East Lansing.

Julia Raven, h, is matron and instructor in domestic art, St. Mary's School, at Mission, S. Dak. This is an Indian school and Miss Raven says she finds the work very interesting.

Fred Moran, v, began the practice of veterinary medicine on August 1st at Fairfield, Montana. This past year he has had good experience in the Berns Veterinary Hospital of Brooklyn, N. Y., and in the Jersey City Veterinary Hospital. Regarding his new work he writes: "My hardest case so far has been a mare with a compound fracture of the large metatarsal bone. At first I prescribed plumbi solidi boli No. 44 Colt per brain, but the wife of the owner would not hear to that modus operandi. Had a letter from "Short" Alden recently. He is at Coolin, Idaho, in a lumber camp on the shore of Priest Lake. "Herb" Johnson, '16, is with him now."

W. R. Thompson, a, who is with the California Fruit Growers Exchange, has his headquarters now at 46 Campau Bldg., Detroit.

16.

Alice Smallegan, h., is teaching among the Indians at Colony, Okla.

John B. Maas, f., passed the civil service examination with the highest mark of all recent forestry graduates of M. A. C. He is at present at Morgan Park, Duluth, Minn.

O. A. Olsen, f., has a fine position with the city forester in Detroit.

C. H. Johnson, f., is working with the Minneapolis city forester.

Lydia M. Croninger, h., is teaching domestic science in Benton Harbor, living at 327 Brunson Ave.

A. H. Atzenhoffer, e., is in the technical department of the Western Electric Co., with residence at 1932 S. 49th Ave., Cicero, Ill.

Lillie Thomason, h., is teaching domestic science in Vicksburg, Mich.

Esther Keating, h., is teaching domestic science in a rural high school at Holton, Mich.

Rose Hogue, h., teaches domestic science in the Arthur Hill Trade School, Saginaw, this year.

Gladys Lahym, h., is at Elk Rapids, teaching domestic science.

Mr. and Mrs. (Ruth Price) W. B. Massie moved from East Lansing to Athens, Georgia, early in September. Dr. Massie has a fine position in the College of Agriculture there, teaching bacteriology.

A. H. Hunzicker, a., sends his dollar for the Record with the comment, "A wise investment for continued friendship with M. A. C." Hunzicker gets his mail at 495 St. Joseph St., Detroit.

L. T. Greve, f., is with the Long Bell Lumber Co. at Bon Ami, La. R. P. Norman, '14, is also with this company.

Until the National Guard at Grayling is dismissed, E. H. Spencer, e., is busy as lieutenant at Camp Ferris.

L. S. Wells, a., is principal of the high school at Hartford, Mich.

H. J. Crisp, a., is farming at Pittsford, Mich.

Alice Kuenzli, h., teaches domestic science in the high school at Menominee, Mich., this year.

Eleanor Beach, h., is teaching domestic science at Traverse City.

E. E. Beatty, e., is working with Byron E. Parks & Son, consulting engineers, Grand Rapids, Mich.

W. H. Betts, e., is designer with the Shaw Electric Crane Co. of Muskegon.

B. H. A. Brandell, e., is on time study and rate setting with Frost Gear and Forge Co. of Jackson.

Floyd Bunt, e., is draftsman in the shop engineering department of the Bucyrus Co., South Milwaukee, Wis.

L. C. Coburn, e., is testing engineer for the Detroit Edison Co., living at 122 Clairmount Place, Detroit.

Bernard Moll, e., is assistant city engineer, Wilmington, Ill.

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