

The M.S.C. Record

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EAST LANSING, MICHIGAN

November 9, 1925

DAVENPORT DESCRIBES EARLY DAYS

Service to Science Greater Than That to Agriculture Alumnus Finds; Pioneer In Inductive Method of Education; Sketches of Faculty of That Day.

In the November issue of *The Country Gentleman*, Eugene Davenport, '78, tells much about the College as he found it and the influence it had as a pioneer in general education in science. The story is illustrated with the well-known photograph of "Saints' Rest", one of a group of students from the classes of '84 and '85, according to Dean F. S. Kedzie, one of Dr. Beal in the botanical garden which has been named in his honor, and photographs of Dr. R. C. Kedzie, Dr. George T. Fairchild, and President T. C. Abbot.

He explains that in that time a college education was generally believed to be reserved for lawyers, doctors and preachers and the new ideas as set forth by the College were not in accord with the popular belief that there must always be "hewers of wood and drawers of water" and that no man would do menial tasks who knew enough to get out of them. "But I was going," writes Davenport, "to a new kind of college, the first of its kind, but of an order that was soon to become national and take the lead in revolutionizing the philosophy as well as the materials of higher education.

"It was a kind of college devoted to science and the inductive method as completely as the older kind had been devoted to the classical and to deductive reasoning.

"It purposed to send education out among the people, put it to work and make it useful in every walk of life. But even its most ardent exponents had no conception of the extent to which the scientific method and the inductive process would ultimately revolutionize thought, even in the realms of philosophy, art and literature.

"It is only when I look back upon it and recall the issues, even contests into which

I was ultimately drawn in the formative days later on when America was really settling its educational policies—it is only then that I begin to realize something of what was involved in the new kind of college or how important a decision I had really made in blundering into it."

His description of the location of the College and the character of the surrounding country is a familiar one. He speaks of the seven residences of Faculty Row, which then accommodated the entire staff and Williams hall, "Saints' Rest", and College hall and the barns, which he found enormous, and the "most familiar looking objects in all these strange surroundings." The chemical laboratory of two rooms and an office he characterizes as the "largest west of Harvard."

"A staff of seven full professors, including President T. C. Abbot, who has come to be ranked among the greatest educators of his generation, administered the 'new education' to the 150 students of the middle seventies.

"Two of these were ministers, two had been practicing physicians for a decade before entering college work, and three were, from the first, professional teachers.

"One had been educated at Bowdoin, two at Oberlin, three at Ann Arbor, one at Rush Medical, and two had taken graduate work at Harvard under Asa Gray and Louis Agassiz.

"All were animated by intense loyalty to the new kind of college and to agriculture."

Davenport explains that he was late in entering so that in addition to the regular entrance examinations he was subjected to questioning on the extra work he might have had, had he started at the beginning

of the college year. He tells of Professor Carpenter Professor Fairchild and the questions he was given by them.

"The most distinctive feature of student life in the agricultural college of that time, certainly the most unique, was the so-called labor system.

"Under this system every student reported at the foreman's office every afternoon at 12:45 for assignment to farm labor from one o'clock until four. The purpose of the labor system was to maintain the habit of labor. For it was held that the only way to insure that a man should be willing to work with his hands in middle life was to put him at manual labor early and keep him at it every day afterward.

"Of social life there was absolutely none. And absolutely no organized sport. I attended no party or function of any kind during my three and one-half years in college, for the very good reason that there was none to attend. The only money I paid out during all the course except for direct personal and instructional needs, was \$3.50 to a hack driver to haul my father and mother through the mud from town when they came to visit me.

"The really great teacher expresses a personality through the thing he teaches, and it is that personality which most affects the student. In this category stand out certain strong men whose influence over me has been abiding and profound.

"C. L. Ingersoll, foreman of the farm. The personification of scientific accuracy and thorough execution of the job in hand. C. W. Garfield '70, foreman of the gardens and grounds. A young man, recently out of college, full of the milk of human kindness, the able son of a cultured family. George T. Fairchild, moral philosophy and literature. Dr. Kedzie in chemistry, using the combined lecture and laboratory method, was both exact and exacting. Professor Cook in zoology and physiology, though a student of the older Agassiz, was never able to pour into us quite as much information as he desired. Doctor Beal in botany and horticulture, also a student

of Agassiz, was an ardent disciple of his method. He was a second Agassiz except that he functioned in botany and, like his teacher, expected his class to get its own information direct from the actual specimen. Not only that, they must, among them, exhaust the subject. That was why he kept the class of fifty a full week on the wild onion."

Professor Cook, ('63), was a pioneer in the use of insecticides and proved by eating an apple from a freshly sprayed tree that arsenical compounds used in this matter were not dangerous to life. Davenport also tells about Dr. Kedzie's proof of the fallacy that fluted lightning rods were better conductors than were the ordinary type and his work on fertilizer.

"We heard much about the 'new education'. It passed as education in agriculture for the benefit of farmers. But as I look back upon it now, and as I recall the discussions in the educational field long afterward, I am convinced that, great as was the service of these men and this college to agriculture, their service to science was even greater.

"What they really meant by the 'new education' was an education in the facts of life as distance from one in its philosophies.

"It was the beginning of the scientific age, and here in this college was given the first instruction in chemistry to undergraduate students in this country. The Michigan Agricultural college was a home and a foster parent to the foundling of the times, derisively spoken of as science and almost universally regarded as an interloper and a dangerous disturber in a hitherto placid realm of education."

Davenport's autobiography "A Son of the Timberlands" is continuing in *The Country Gentlemen* as a serial.

Captain Ernest John in charge of the rifle team announces that about fifty teams will furnish competition for the varsity this year. All matches will be shot on the home range.

CLASSMATES GREET WALES, '11, AT UNION BUILDING

On September 17, one Basil Wales came galloping in from the wilds of Arizona. As "Bas" by some never explained happenstance made the Alpha Zeta in his college days, us brethern made haste to greet him on his arrival at the college.

We gathered together such of our child-

ren and wives as were handy and staged a banquet in the new Union building. Such a talkfest, everybody glad to review olden times with the rest of the bunch.

Knowing full well that our reunion would rank as one of the "Big Doin's" at the college we had 'er perpetuated in picture. Behold!



Reading left to right—Sitting backed by his wife, **B. C. Porter, Jr.**, cashier South Grand Rapids Savings bank, Grand Rapids, Mich. "Benney" is holding his family, the Misses Porter. **Basil Wales**, forest supervision, Prescott, Arizona. "Bas" was the guest of honor. He corralls his daughter. Lookit his hat! **F. L. True**, farmer, Armada, Mich. "Torch" exhibits a noble brow caused by receding hair; also his pair of daughters. **J. G. Hays**, dairy extension specialist, M. S. C. and secretary Michigan Holstein-Friesian association, East Lansing, Mich. "Jimmy" embraces his second son, two more at home. **B. W. Keith**, nurseryman, Sawyer, Mich. "Bert" left his pair, boy and girl, at home. The flivver tires were getting weak he said, might not stand the extra load. **S. C. Langdon**, farmer, Hubbardston, Mich. "Sam" didn't bring his pair of girls because he "came for a good time".

The two gentlemen on the right are C. W. McKibbin, seated, and Ralph Kirby, standing. These local 1911 boys were present by special invite. They consented only after most urgent treaty to pose with the Alpha Zeters.

There were four brethern absent: E. C. Lindeman, sociologist, High Bridge, New Jersey; J. G. France, county agricultural agent, San Diego, Calif.; C. H. Knopf, county agricultural agent, Muskegon, Mich.; Clare Severance, farmer, Fenton, Mich. The last named is the only "batch" in the outfit.

Wales survived the celebration and returned to his work in Arizona.

—J. G. Hays.

Luncheons of the Detroit club are held each Thursday at the Detroit Union League club, Grand River avenue, near Woodward. W. G. Knickerbocker, '16, president of the club announces that the new meeting place is the most desirable yet available for alumni who reside in the metropolis or make a pilgrimage there.

William Riker Johnson post of the American Legion announces the election of the following officers: Professor J. F. Cox, commander; C. F. Huffman, first vice-commander; Elwood Geegh, second vice-commander; H. G. Lill, adjutant; Dr. L. B. Sholl, finance officer; Sgt. J. Foley, historian; C. C. Lightfoot, chaplain.



VIEWS AND COMMENT



There may be some reason for the pessimist to view with alarm the decadence of youth but several events during the past few weeks seem to prove that youth is growing more selective in its demands, more critical of what it is offered rather than losing its sense of proportion or appreciation of worth while things. Alfred Noyes, English poet spoke before a capacity crowd at the gymnasium, the international debate against Cambridge university men filled the Central Temple house in Lansing and the address by Justice Clarke on "The Harmony Peace Plan" called out one of the largest convocation crowds of the year.

That students are interested in such things is not amazing but that they are generally interested is proof that they are not falling behind their forebears in the quality of entertainment which attracts them. Debating, literature, world problems presented to the student of today in a form which promises to add to the fund of knowledge find a ready interest. It may be that some of these things have not been accorded the support they might have had because they were not presented in the proper form. The football team of twenty years ago would find little support competing against those of today, the student publication of a quarter century ago would lack both advertising and subscriptions. The times move. Students of today are keeping abreast of the times and they demand what is new and has the spice of novelty or great prominence.



For the first time in many years there will be a regular recess at Thanksgiving time. From Wednesday noon until Monday morning the students will be free to desert the classrooms and occupy themselves as they see fit. In the past it has been the contention of the College authorities that this recess would interfere too greatly with classes, the opportunity presented this

year is one which will prove the truth or falsity of this theory.



Preparations for publishing the directory of alumni and former students will continue through the winter. Much material has been obtained and filed covering the biographies of former and present officers of the College as well. It is very important that the questionnaires sent out last year be returned to the alumni office so that the expense of securing this information need not mount into unnecessary amounts. If you have not heeded the call for your biography do not delay longer, both the time and the money needed to complete the book are too valuable.

WATKINS MENTIONED FOR GOVERNORSHIP

In a recent issue of the Lansing Capital News there is a forecast that L. Whitney Watkins, '93, president of the State Board of Agriculture and state commissioner of agriculture, will be one of the candidates for the republican nomination for governor next year. Watkins has long been active in political affairs of the state, being twice elected to the State Board of Agriculture and once receiving an appointment to the Board. He has held other elective offices and since 1922 has been head of the agricultural department of the state government.

The Capital News says: "Prospects for a triangular republican gubernatorial nomination contest with L. Whitney Watkins, president of the state board of agriculture, the storm point loomed Tuesday as state capitol observers and gossip linked his name with the coming contest. The other prominently mentioned possible candidates are George Welsh, of Grand Rapids, and Charles DeLand, of Jackson."

"Close Beside The Winding Cedar"

The state grange will convene at the College in 1926.

Parents of students were guests of the College at the football game on November 7.

James Hands, '26, has been appointed drum major of the varsity band. His home is in Lansing.

Charles Paddock, champion sprinter, was to lecture at the gymnasium on November 9 as a number on the lyceum course.

Among the leaders in scholarship in the engineering division is Fred Alderman, '27, one of the best sprinters who has worn the Green and White.

R. Kiefaber, former varsity swimmer has been appointed coach of the swimming squad and regular practice has been started.

Sponsors for the military units have been elected as follows: Millicent Clerk, '26, Detroit, corps; June Ranney, '27, Greenville, artillery; Corrine Bachus, '27, Lansing, infantry; Annie Laurie Walls, '26, Chicago, cavalry.

Members of the Crop Improvement association met at the Union building on November 6 and 7 for a harvest festival. A party with the old-fashioned dances as a feature entertained the crowd on the evening of the sixth and on Saturday they were the guests of the College at the Toledo game.

Barbecue on October 30 was well patronized and there were generous supplies of beef and cider but the cold weather caused some difficulty in getting the beverage out of the barrels. H. L. ("Pete") Bancroft, '12, was one of the chief speakers. It was again claimed that the bonfire was the largest in history which, of course, sets a new record for this affair.

Professor A. K. Chittenden, head of the forestry department, has been appointed a member of a national committee to have charge of arbor day observances next spring.

New members chosen by Alpha Zeta, honorary agricultural fraternity, include: John E. Hawkins, '26, Cleveland; Clifford Roazmann, '26, Owosso; C. P. Dynes, '26, Owosso; E. Little, '26, Hanover; A. H. Teske, '26, East Lansing; R. L. Barney, '26, Watervliet; R. L. Cook, '27, DeWitt. The initiation banquet was held in the Union building.

LIST OF ALUMNI AT PENN LUNCHEON

Editor of THE RECORD:

In response to your request for a list of the alumni at the Michigan State get-together here October 24th I am sending the following, which I believe to be a complete list:

K. L. Butterfield, '91; Paul Thayer, '00; Belle Hubbard, '09; Grace P. Bacon, '12; E. W. Brandes, '13; A. W. Koester, '14; Robert J. McCarthy, '14; P. R. Taylor, '15; F. Marguerite Erikson, '15; S. J. Brownell, '16; W. K. Makemson, '16; H. V. Abel, '17; F. A. Davis, '18; R. N. Wright, '20; Cecile N. Gebhart, '20; F. L. Hendrick, '21; James M. Watts, '23; Loren S. Ross, '23; W. B. Jones, '23; Mary L. Reynolds, '23; T. W. Skuce, '24; H. E. Newman, '24; Esther Fager, '24; Manley E. Brooks, '25; Matt E. Nuttila, '25; L. E. Skellenger, '26; R. C. Fisher, '95, missed luncheon but attended the game.

I enjoyed very much seeing the team in action and admired their fighting spirit. My only wish is that they might have had a dry field on which to better show their ability.

PAUL THAYER, '00

VARSITY CRUSHES TOLEDO, 58 TO 0

*Light Team No Match for Green and White; Slippery Field and Steady Rain
Make Play Difficult; Lyman and Fouts Score on Long Runs;
Passing Game Surprising Success.*

Toledo was outweighed, outplayed, and completely swept aside by the tearing offense of the varsity playing its last home game of the year last Saturday. The Ohio eleven failed to make a dent in the scoring column while the Green and White was adding up nine touchdowns and putting over four successful tries for point, making a total of fifty-eight. A long rain had made the turf insecure and much of the sod was torn up by the teams in their struggle for the ball, this was further complicated by a steady drizzle which persisted through the entire contest and made the leather slippery. It was not too slippery, however, to prevent the use of some passes and when the Green and White could not gain around the ends the overhead attack functioned with comparative success.

From the first it was apparent that the visitors were not equipped to give State a real contest. Captain Haskins had been sent to Iowa City to watch Wisconsin play Iowa and Ruhl was missing from the backfield. The latter neglected his scholastic appointments to such an extent that he was declared ineligible, a cardinal sin for an aspiring athlete, who had given evidence of the ability to make good.

Fumbling was not nearly so prevalent as in the Penn State game but the visitors' center had trouble in getting off his passes and many of their losses were due to his poor aim. Boehringer took part in the carnival of scoring and carried the ball to the line but was tackled just before crossing, the ball bounded from his arms and was rescued for a touchdown by Ross who was working his first game at center.

Long runs were the order of the day, Lyman, Fouts, Boehringer, Smith, McCosh and Grim taking part in the sprinting exercise which always endangered their opponents' goal. They circled the ends, particularly the Toledo left end and ran back

kicks and punts with an abandon which merited a dry field. Smith did well in his kicking when he accounted for four of the possible nine points available. Both Smith and McCosh punted well, getting distance and height in spite of the condition of the field and the ball.

Several thousand people stood in the stands and watched the muddy melee. Coach Young used most of his squad in the course of the afternoon replacing his veterans with sophomores who have shown promise. O'Connor had his first chance at end and Ross played through much of the game at center playing a steady game and recovering two fumbles, one of them for a touchdown. Lyman celebrated his final appearance at the stadium by driving over for two touchdowns after long runs, Fouts added to the features of the day when he tore through tackle for a forty-five yard dash for the goal in the final period.

Drew kicked off to Toledo's 14-yard line. Toledo failed at the line and Drew stopped an attempt at end six yards back of the line. Lyman received the punt and was run out of bounds at midfield. Grim, McCosh and Boehringer pushed the ball to the 26-yard line and Lyman dashed around right end for a touchdown. McCosh missed the attempt for the extra point.

Toledo exhibited its best offensive on the few plays ensuing. The visitors took the ball on downs and forced State to punt in two instances before the home team's operations began to get results again. In this brief period the visitors' made two of their first downs bucking the line and circling left end. Boehringer and Smith took part in several long gains which added to a fifteen-yard loss administered when a Toledo play was halted back of the line took the play close to the goal line. Toledo kicked out and Lyman received the ball on the 40-yard line dodging through the field for

his second touchdown. Smith kicked the extra point.

State received the kickoff on its 47-yard line. Smith made a first down around end as the period ended, and added twenty-two yards as play was resumed. Boehringer and Lyman added short distances and Grim went for a small gain only to lose the ball which bounded across the goal line where Ross captured it for a touchdown. Smith kicked the extra point.

Twice during the remaining minutes of the quarter State was in a position to score again but on both occasions Toledo had an opportunity to punt out of danger. The visitors recovered two fumbles by Fouts near the center of the field and were passing in an attempt to score when the half ended.

McCosh and Lyman, who had been replaced by Smith and Fouts in the first half were in the lineup for the third quarter. Drew was also sent in, relieving O'Connor. Spiekerman returned the kickoff to his 42-yard line. Boehringer and Smith took the ball to the Toledo 35-yard line and Smith dashed around end for a touchdown. He failed to kick goal.

Spiekerman again returned the ball, reaching his 45-yard line in his effort. Lyman, Boehringer and Smith worked the ball down close to the goal and Smith lost eight yards on an attempt at end but Grim was sent around for the touchdown. Smith kicked goal.

Toledo was held on its 27-yard line with the kickoff. From the 45-yard line Smith and Boehringer pushed ahead until McCosh had but twenty-five yards to go for a touchdown. He did it through tackle. Toledo players swarmed through before the goal could be kicked.

Toledo held on its 40-yard line and stopped an advance taking the ball on its 20-yard line when State was forced to kick. Lyman was run out of bounds with the Toledo punt on its 32-yard line. Boehringer passed to Smith who just failed to make a touchdown. Boehringer went through

tackle for the needed space. Fremont went in for Boehringer and treid for the goal but missed.

A rush to the 14-yard line availed the State back nothing for Toledo took the ball on downs when a successful pass netted only three yards. The visitors gained nineteen yards when the officials ruled interference on an incomplete pass. State took the ball on a Toledo fumble on the latter's 46-yard line. Toledo again took the ball on downs on its 20-yard line. On the next two plays the visitors lost eighteen yards on poor passes from center. Smith received the punt and was run out of bounds on the 16-yard line. Fremont went around right end for a touchdown, the attempt for the extra point failed.

Coach Young rushed in a string of substitutes taking out almost every regular he had on the field. Fouts was tackled on his own 46-yard line when he received the kickoff. He made five yards at tackle and a completed pass added five more. Fouts took the ball on the next play and dashed through tackle for a touchdown.

Toledo's second pass after the kickoff brought the ball to its 40-yard line as the game ended.

MICHIGAN STATE

TOLEDO U.

Drew	L.E.....	Collins
Spiekerman	L.T.....	Steele
Garver	L.G.....	Petcoff
Ross	C.....	Watters
Hackett	R.G.....	D. Alexander
Rummell	R.T.....	Trumbell
Grim	L.E.....	Kuebbler
Lyman	Q.B.....	B. Alexander
Boehringer	L.H.....	Gulick
McCosh	R.H.....	Kazmaier
Van Buren	F.B.....	Shaprio

Score by periods:

Michigan State	13	7	25	13—58
Toledo	0	0	0	0—0

Touchdowns—Lyman 2, McCosh, Smith, Ross, Boehringer, Grim, Fremont, Fouts. Points after touchdowns—Smith 4. Substitutions—Fremont for Boehringer, Fouts for Lyman, O'Connor for Drew, Vogel for Ross.

Referee—Lawton, Michigan. Umpire—McCuillock, Springfield. Head linesman—VanTassell, Wesleyan.

WIDE RANGE OF FARM PROBLEMS

Agricultural Experiment Station Working On Greatly Varied Program Covering Most of Field; Some Investigations In Progress for Fifteen Years.

That the agricultural experiment station is well occupied on its research problems is evident by a review of the projects under way at the present time. Some of these projects have been in progress as long as 15 years while others are comparatively new.

Under bacteriological research are found such problems as the effect of diseases in cows on milk, the keeping qualities of butter, milk flavors, soil microbiology, market milk investigation, bovine infectious abortion. The last named, under the direction of I. F. Huddleson, is worthy of special note due to the varied manner in which the problem must be attacked. The following lines are pursued in this research problem: educational, diagnosis, carriers, channels of infection, control, culture studies and swine abortion. Technical bulletins number 65 and 66 are available to show the progress of some of this work.

Another bacteriological problem receiving considerable recognition is a project which was started by Dr. W. L. Chandler in 1918 on the prevalence, extent of infestation, economic significance and methods of control of the pathogenic parasites of food animals. Work on this problem necessitated experimentation on iodine solutions and preparations, giving rise to preparations which since have become established as standard remedies for cases of this kind. One, now known as "Vermiodin", a protein-iodine preparation, by nature of its composition liberates free iodine in the fourth stomach of sheep and in small intestines of various animals.

To date R. P. Hibbard and G. H. Coons have been in charge of important botanical work. Study of the salt needs of plants is a very interesting project on which the former has worked. Means for rapid identification of the group Fungi Imperfecti and for their diagnosis and study is a problem.

The study of soil acidity and its relation to the decomposition of fertilizer salts is a study which has already been published in the journal of the American Chemical society. This project was carried on by E. J. Miller, graduate student in biological chemistry. Another chemical problem that has proved very interesting is the study of organic nitrogenous compounds of peat soils. This project is still under way and is being carried on by C. S. Robinson.

Dr. George Bouyoucos is carrying on laboratory investigations on the temperature and other phenomena of the soil. This project is receiving national attention. Barometric pressure and its effect upon soil, heat of wetting and its significance in connection with colloidal properties of soil, water and its effect upon soil granulation, degree of granulation and decomposition, are all phases of soil condition which are involved in this unusual problem.

In the agricultural engineering department marl digging and handling has been receiving the greatest attention of H. H. Musselman and his staff. A combined cableway and dragline bucket has been perfected and its adaptability for practical use demonstrated. Land clearing, as usual, is still being carried on, especially in the upper peninsula.

Comparative value of Michigan grains for swine feeding has been receiving the attention of the animal husbandry division. Another, pasture trials in hogging-off experiments is especially interesting as it consists mainly of practical field tests, worked out on both alfalfa and rape pastures. Study of alfalfa as a horse ration combined with corn as against the usual corn, oats and timothy ration is another branch of the work in this department. In all the animal husbandry tests economy is an important factor, so that all results include costs.

Poultry diseases are receiving the attention of the bacteriology department. Thous-

ands of birds have been used in this work so that results when published will be a very fair average, not only for any one time but for the various stages during the year. Especially important has been the research work on white diarrhoea during heavy egg production.

Under the department of plant pathology several very important problems have been and are under way. Notable among these are: plant disease surveys and investigations; potato disease investigations; cereal disease investigations; celery disease investigations; bean disease investigations; investigation of raspberry diseases, muskmelon diseases and Bermuda Lily diseases, as well as extensive research work on sugar beets.

Animal nutrition is rapidly becoming a more important work of the experiment station. Under the direction of C. F. Huffman this work is being carried on in considerable detail. This project involves an exhaustive study of mineral feeds such as bone meal and raw rock phosphate as well as from such sources as ensilage and green feeds.

Codling moth control, greenhouse insects and the general control of fruit insects compose the contribution of the entomological department to the experiment station.

The farm crops department is at present carrying on work relative to the determination of variety tests on alfalfa for Michigan soils and climate. All of the common varieties have been brought into competitive experimentation and testing. Work on red clover has been similarly carried out.

Corn, beans and hard grains are receiving their share of attention as usual, under the direction of J. F. Cox and E. E. Down, as well as potatoes and root crops.

In the forestry section are found such projects as the study of second growth hardwoods on cut-over lands, forest plantations, nut trees as money crops in Michigan, growth rates on farm woodlots and forest taxation and insurance.

The department of horticulture has a wide range of projects under way covering

all phases of horticulture. Of special interest are problems on apple and raspberry fertilization, precooling processes and studies in orchard economics.

An investigation which is receiving considerable attention throughout the state is the field and laboratory study of muck soils, being carried on by P. M. Harmer. Cost tests are carried out in conjunction with this work in an effort to find a means of commercial utilization of this type of soil in the state.

The sub-station at Chatham is devoting most of its time to work on farm crops, mainly clover, potatoes, oats and barley. Land clearing still remains as an important phase of the northern station. The Graham and South Haven sub-stations are principally concerned with the fruit industry.

Under the provision of the federal Purnell act, several new projects and investigations have been made possible. Chief among these at present is the \$3,000 appropriation for an intensive study of the Detroit milk market. This work, under the direction of Professor J. T. Horner of the economics department, is being carried on very extensively. According to a report on the project the object of the investigation is: study of the source of supply, fluctuation in supply and in demand and reasons therefor, factors in handling surplus, price influences, marketing methods and influence of cooperation of producers and jobbers. Other projects made possible by the Purnell act are: Agricultural Cooperation in Michigan; Marketing Michigan Dairy Products; Rural Community Organization; Rural Migration; Needs of Farm Homes.

Grand Rapids drew heavily on its alumni group for Homecoming day representation. Among those who registered at the Union were: Mrs. Alice Weed Coulter, '82; Mrs. Eva Coryell McBain, '79; A. L. Birdsall, '14; W. M. Coulter, '18; Dwight Coulter, '23; Arthur Wolf, '13.

HOMECOMING FAVORED BY EXCELLENT DAY

Homecoming brought a large crowd to the Campus. Just how many alumni and former students were included in the list it is difficult to judge for many of those who returned failed to register at the Union building, although most of them were in the building during part of their stay. At the luncheon at noon there were nearly 200 but many of those who returned elected to use the cafeteria on the first floor. It was estimated that nearly 100 failed to go to the second floor. At the Union party in the evening there were about 100 couples from among the alumni according to the count of tickets and the rest of the crowd was made up of students. The day was all that could be wished. It was ideal football weather and ideal Homecoming weather. The game against Colgate was the best of the season and was spectacular enough to keep the most apathetic closely interested.

There was no formal program, no routine business to be transacted, and most of the homecomers took the opportunity to get acquainted with the new buildings on the Campus, to visit with their friends in the lobby of the Union or at the fraternity houses and generally enjoy themselves. The occasion was informal enough for the individual to follow the dictates of his own desires throughout.

It is quite possible that another year some more pretentious entertainment may be provided and that those who return may be accorded more attention than was possible this year. The Green Key, an organization connected directly with the Union provided guides to take the visitors around the Union building and aided in other ways. The functions of this group can be developed enough in another year to increase its capacity for service.

Homecoming registrations at the Union building:

'93

A. B. Chase, South Haven.

'94

R. S. Campbell, Port Huron.

'95

A. C. MacKinnon, Bay City.

'96

E. E. Gallup, Lansing.

'98

Fred L. Woodworth, Detroit.

'01

Mrs. F. L. Woodworth, Detroit; R. M. Norton, Port Huron.

'03

Edna V. Smith, East Lansing; H. M. Eaton, Detroit; H. W. Norton, Jr., East Lansing.

'04

C. G. Olmstead, Midland; M. W. Taber, Detroit; Henry T. Ross, Milford.

'05

Mrs. M. W. Taber, Detroit; R. C. Fowler, Detroit; Beulah B. Fowler, Detroit.

'06

J. E. Fisk, Detroit; L. M. Spencer, Detroit.

'07

F. A. Gould, East Lansing; Irene Fisk, Detroit.

'08

C. E. Merwin, Detroit; Bess Gould, East Lansing; Mr. and Mrs. N. J. Hill, Detroit.

'09

L. H. Belknap, East Lansing; R. L. Kurtz, Flint; G. H. Allen, Redford.

'10

G. P. Burkhart, Fowlerville.

'11

J. E. Rork, Kalamazoo.

'12

E. E. Hotchin, East Lansing; C. R. Gifford, Detroit; Mrs. F. E. Fogle, Okemos; M. J. Gearing, St. Clair; Harriet W. Allen, Redford; L. R. Himmelberger, Flint; Cora Himmelberger, Flint.

'13

R. E. Loree, East Lansing; Mrs. R. E. Loree, East Lansing.

'14

B. L. Fralick, Detroit; Edna Watkins, Milford.

'15

R. M. Roland, Detroit; Don Stroh, Detroit; Theodora H. Boucvalt, Highland Park; W. W.

Why is An Alumnus?

It might be more to the point to ask, where do these theorists get the idea that in the life of an individual there is such a factor as college spirit.

An Alumnus is a person (either masculine or feminine, according to the most recent interpretation) who has received a degree from an institution of higher learning. It may be one of the various academic appendages conferred by the faculty or it may be an individual appellation presented by his classmates before the College made up its mind that he was eligible for the regulation honor. In any case, *An Alumnus* is one who has extracted something from the atmosphere of a college which is not absorbed by the one who merely lives in a college town. One entitled to this distinction has qualifications other than those necessary to win the approval of the faculty and outstanding among these is college spirit.

This prolongs the argument, for college spirit is a much abused term. The true nature of the ailment has never been definitely decided, it is an infection which causes the heart to palpitate, an irresistible force which brings the victim to his feet when Alma Mater is played or sung, a chronic inflammation which had its inception when the *alumnus* was yet an undergrad and walked across the Campus on a bright spring day or waded through the snowdrifts after a January storm. More than this it exerts a mysterious influence which in later years draws the important events of college days into focus, sorting out individuals and occasions but blending the whole into a tapestry woven from fondest memories. It constitutes—and draws to itself strength—the bonds which draw the graduate to his alma mater.

There are some three thousand of these peculiar individuals who read The M. S. C. RECORD thirty-five times each year and the cost to them is but \$2.50 each twelve months, for which they are also given the privileges accorded members of the M. S. C. Association. Of course the office of this publication is on the Campus at East Lansing.

(Reprinted from the 1925 Wolverine).

Barrow, Lansing; Dan Henry, Grand Rapids; T. H. Broughton, Lansing; W. W. Lavers, Plymouth; R. E. Decker, Jackson.

'16

Rhoda Winston, Saginaw; Clare Winston, Saginaw; J. W. Warmington, Saginaw; W. K. Makemson, Pittsburgh, Pa.; W. G. Knickerbocker, Detroit; A. L. Alderman, Saginaw; O. A. Olson, Chicago; George W. Pellitt, Fenton; Blanche E. Broughton, Lansing.

'17

Rolan I. Loeffler, Detroit; Eva R. Van Ostenburg, Grand Rapids.

'18

A. C. Brown, East Lansing; M. Inez Cook, Lansing; Marjorie Jewett, Calumet City, Ill.; F. E. Fogle, Okemos; Willard M. Coulter, Grand Rapids; A. W. Flucke, Saginaw; Marian Musselman, East Lansing.

'19

F. F. Musselman, East Lansing; Helen E. Coulter, Grand Rapids; Fay V. Townley, Jackson; Gertrude Cole Burtch, Rossford, Ohio.

'20

M. C. Townsend, St. Louis; Rex Davies, Jackson; Edith Graham, Flint; M. G. Jewett, Calumet City, Ill.; H. M. Johnson, Hillsdale; John H. Barr, Bad Axe; Mrs. Jack Belknap, Grand Rapids; Laura Johnston, South Haven.

'21

H. W. Finnigan, Pontiac; Theodore Leach, Portland; Ferolyn Nerreter, Detroit; Ray C. Kirney, Elmhurst, Ill.; Marian Seeley, East Lansing; F. S. Reynolds, Lansing.

'22

J. R. Witwer, Plymouth; B. C. Mellancamp, Boyne City; Paul D. Gibson, Vassar; Stewart M. Farr, Detroit; F. C. Carver, Chicago; Margaret Thompson, Muskegon; Josephine Matthews, Detroit; E. J. McNall, Lansing.

'23

Kenneth Ousterhout, Cadillac; H. W. Schmidt, Jackson; R. J. Knight, Detroit; W. C. Johnson, Birmingham; Margaret Leach, Portland; Madeline Thompson, Mt. Pleasant; E. P. Weamer, Dearborn; C. L. Richards, Oak Park, Ill.; F. W. Bueschlen, Jackson; C. J. Carruthers, Durand; Adelaide Kinney, Elmhurst, Ill.; Mildred Grettenberger, South Haven.

'24

Dorothy Hubbard, Marine City; Edward Laird, Monroe; Mary E. Norton, Grand Rapids; Naomi Ousterhout, Cadillac; Ruth Morley, Grand

Haven; Helen E. Kull, Saginaw; H. R. Kull, Saginaw; C. E. Slaughter, Lansing; S. Bennett, Detroit.

'25

Wayne Sutton, Holland; C. F. Conrad, Berrien Springs; L. M. Wood, Detroit; Leland K. Dewey, Sharon, Pa.; Frances R. Ayres, Eaton Rapids; W. D. Willard, Oak Park, Ill.; Grace Mitchell, Midland; Don H. Stark, Marshall; Palmer H. Slack, Birmingham.

CLASS NOTES

'86

Dear Classmate:

Since I wrote my last '86 Alumni Letter I have received letters from J. B. Cotton, 120 Broadway, New York; J. J. Jakway, R. F. D. Benton Harbor; Charles F. Lawson, Detroit, Michigan. I also had a combination letter from W. R. Rummeler and W. A. Kinnan. Rummeler and Kinnan were taking luncheon at the University club in Washington. They join in their request that we send invitations to Professor Satterlee and Professor Johnson to attend our reunion. It may be that Professor Satterlee can accept the invitation, but I think we postponed the reunion idea too long to get Professor Johnson.

This letter will not be very long as you all know the purpose is to keep alive the reunion date so that each and everyone will promise to come to the reunion next June.

Joe Cotton says, "I intend to attend our 40th anniversary reunion next June. You can count on me being present even if I have to come on a stretcher."

Jakway says, "I am looking forward to the reunion anxiously and hopefully. Hope we can bring Launstein from New Orleans, dig Nichols out of Plainwell, stir Dick Edling from his pharmacy in Michigan City."

Charles Lawson says, he has just returned from a trip abroad in France, Italy, Belgium, Switzerland and England with his wife and daughter. He says he has a married son connected with one of the Detroit trust companies, will probably be on a trip in the far East at the time of our reunion.

You will be saddened to know that our genial friend and classmate Will Clemens died a few days ago, I think October 22nd. John attended the funeral and reported that Will had been ill a long time. I called on him last February. He was able to be around at that time, but was not very well. John says he left two fine sons, both married, one in Kalamazoo and one in Jackson. Both of the boys are energetic and prosperous

business men. Will met with our little reunion in June 1924.

I hope you will all plan to attend our 40th anniversary reunion. Several of the boys have not yet answered any of my letters. To those who have not done so, please bear in mind that the other boys hope to hear from you.

Very sincerely,

JASON E. HAMMOND, '86
128 Beech Street
East Lansing, Michigan

Nov. 3, 1925.

'02

H. L. Brunger has changed his address to 3142 N. W. Third avenue, Miami, Fla.

'05

Mrs. Clara Campbell Leavitt is now living at 14600 S. Woodland Road, Shaker Heights, Cleveland, Ohio.

'07

C. P. McNaughton has moved to 4057 S. Oliver street, Minneapolis, Minnesota.

'14

Roy Irvin lives at 903 Main, Wheaton, Illinois, according to postal authorities.

'15

Hazel Mundy Wayne requests her Record sent to Holly Hill, Florida, instead of Flint.

'17

Born to Wayne F. and Louise Halladay Carpenter, a son, Wayne F. Jr. on October 23. Carpenter is still managing Secretary Halladay's farm at Clinton.

'18

Harry Wrench can now be reached at Battle Creek, care of the city gas company.

'20

Dorothy Scott is now living at 1418 Glynn Court, Detroit, according to the Detroit post office.

NURSERIES

THE CORYELL NURSERY GROWERS OF HARDY NURSERY STOCK

R. J. Coryell, '84 Ralph I. Coryell, '14
I. Wangberg, '25
West Maple Ave. Birmingham, Mich.

E. N. PAGELSEN, '89, Patent Attorney
1321 Lafayette Building, Detroit

THE STRAUS BROS. COMPANY
First Mortgage Bonds
G. O. STEWART, '17

700 W. Washtenaw St. Lansing, Mich.



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Gilbert L. Daane, '09, President
C. Fred Schneider, '85, Manager Division Branch
Benj. C. Porter, '84, Manager South G. R. Branch
Benj. C. Porter, Jr., '11, Asst. Manager South G. R. Branch
Willis Vandenburg, '21, Manager Fulton St. Branch

A. M. EMERY, '83 Books and Office Supplies
223 Washington Ave. N.
H. C. Pratt, '09, in charge of Office Supply Department

WALDO ROHNERT, '89
Wholesale Seed Grower, Gilroy, California

GOODELL, ZELIN C. (M. A. C. '11F)
Insurance and Bonds 208-211 Capital National Bk. Bldg.

SAM BECK, '12, with LOUIS BECK COMPANY
112 North Washington Ave.
Society Brand Clothes—Complete Haberdashery

THE EDWARDS LABORATORY, S. F. Edwards, '99
Lansing, Michigan
Anti-Hog Cholera Serum—Other Biological Products

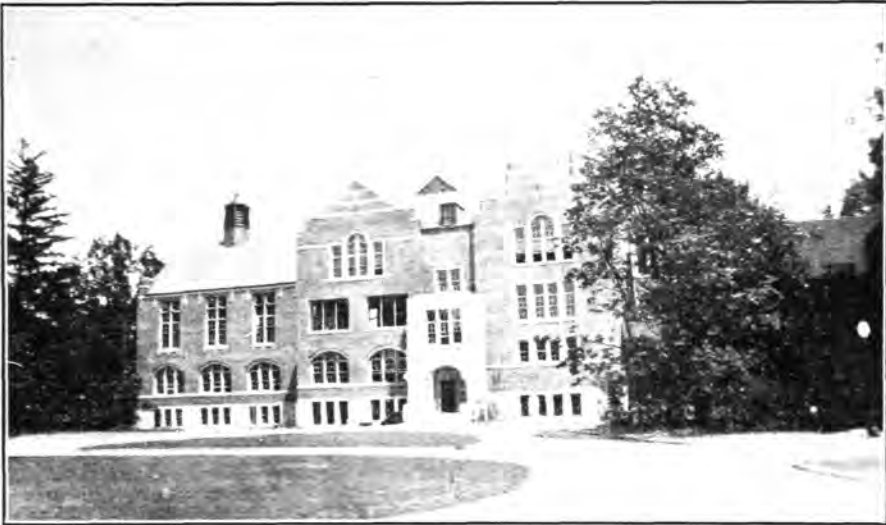
Will It Remain An Alumni Memorial

—?—?—?—?

OBLIGATIONS DUE

on the

Union Memorial Building



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ING IS TO RETAIN ITS SIGNIFICANCE.
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FOR FULL PAYMENT OF THE
INDEBTEDNESS**

Your Support Will Keep It An Alumni Affair