

The MICHIGAN
STATE COLLEGE
RECORD

Campus Monarchs

October

1929



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"Official Intercollegiate Alumni Fleet"

New York



THE GREEN AND WHITE

Listening In

THE first sign of campus activity this fall was the appearance of the State News editor, then the Wolverine editor, a few assistants and the establishment of headquarters in the Union. The yearlings flooded the campus and were "orientated" by specially selected upperclassmen. No startling innovations were introduced for Freshman Week, just busy days of settling into a new life. The campus hay was carefully cut before other students arrived, but the same percentage of weeds mingled with the grass. Some enthusiastic senior rushed back, sold some ads and passed out the customary desk blotter with the sports schedule as a center spread. And everyone inquired of everyone else, "Have a good summer?"

IT'S a life of statistics for hen "679" at Oklahoma A. and M. college. The little hen, weighing three and one-half pounds, has reached the ripe old age of 10. She has consumed about 900 pounds of feed in her day, and has laid almost 1,100 eggs. In ten years the hen has known seven presidents of the college, five deans of agriculture, six experiment station directors, six directors of extension and three poultry department heads.

PUBLIC careers do not greatly change the fundamental characteristics of women. When fall comes, it's housecleaning time, and if the woman in question happens to work in an office, why it's just too bad for the office. Our alumni recorder yielded to the urge recently and brought us this message: "The office help has cleared the files of everything that we were sure would not be needed, so we can have room for all the new material and class notes that our alumni send in. We can satisfy RECORD readers if they send in more newsy items."

The MICHIGAN STATE COLLEGE R E C O R D

Established 1896

Member of the American Alumni Council

Published for the alumni and former students of the Michigan State College by the M. S. C. Association.

Published monthly throughout the year.

Membership in the M. S. C. Association, including subscription to THE RECORD, \$2.50 per year.

Unless members request a discontinuance before expiration of their memberships, it will be assumed a renewal is desired.

Checks, drafts and money orders should be made payable to the M. S. C. Association. Entered as second class matter at the postoffice at East Lansing, Michigan.

GLEN O. STEWART, '17, Editor GLADYS FRANKS, w'27, Alumni Recorder

THE M. S. C. ASSOCIATION

Union Memorial Building

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Entered at the East Lansing Postoffice as Second Class Matter

Vol. XXXV, No. 2

East Lansing, Michigan

October, 1929

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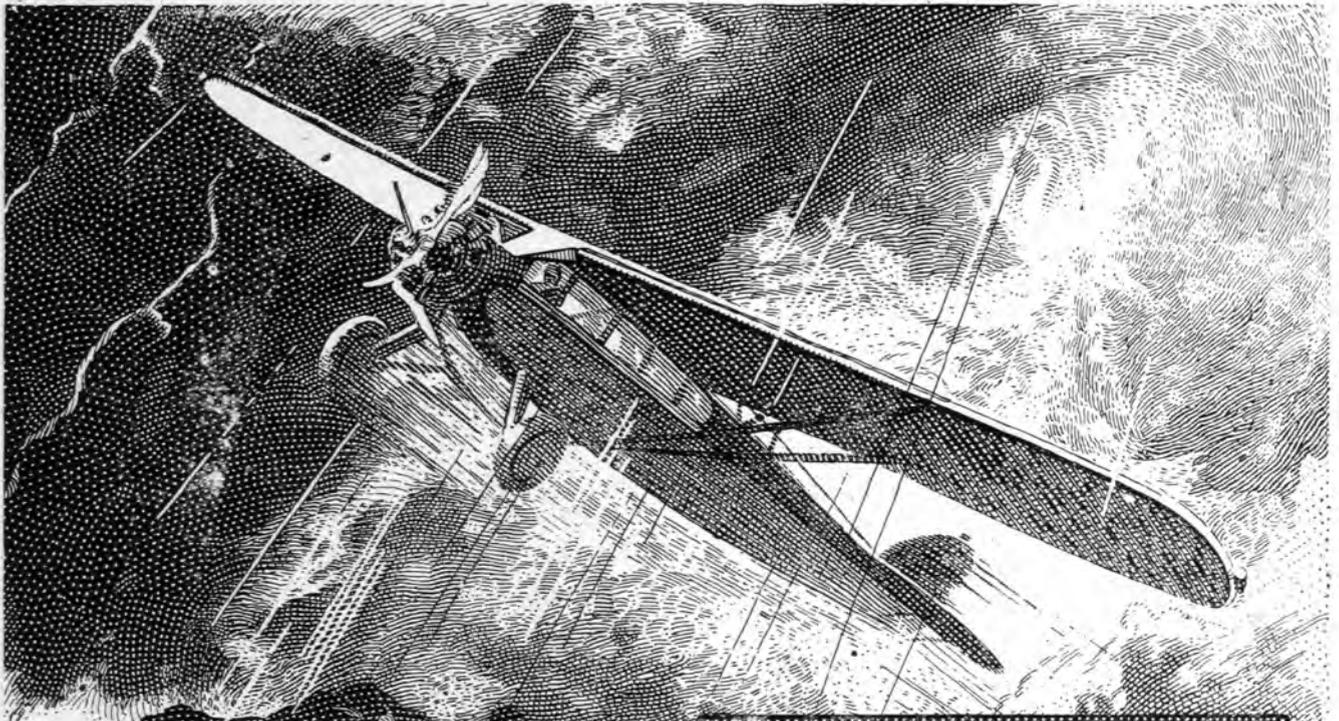
There has not been much optimism expressed over State's chances for a winning team this fall, principally because nearly everyone realizes that Coach Crowley has adopted a radically different style of play. The four weeks which he has had to provide his proteges with the famous Notre Dame scheme of play haven't been sufficient. But if the team spirit and interest counts, football followers predict Jim Crowley will give Michigan State what it wants—a scrappy, winning team.

The annual meeting of Land Grant colleges will be held in Chicago, November 12, 13, and 14, with headquarters at the Stevens hotel.

The second annual Michigan State-Michigan alumni banquet was at the Union on Wednesday evening prior to the Ann Arbor game. Both schools were represented on the program by the coaching staffs. A similar affair was held in Detroit at the Statler hotel on Friday noon.

After the game, when the last whistle has blown, and Michigan State has vanquished the foe, drop over to the Union for dinner. Ray Riggs, '26, manager of the Union, is making your building a visiting place for old timers.

Come back to the campus at least once this fall. Homecoming game, October 26.

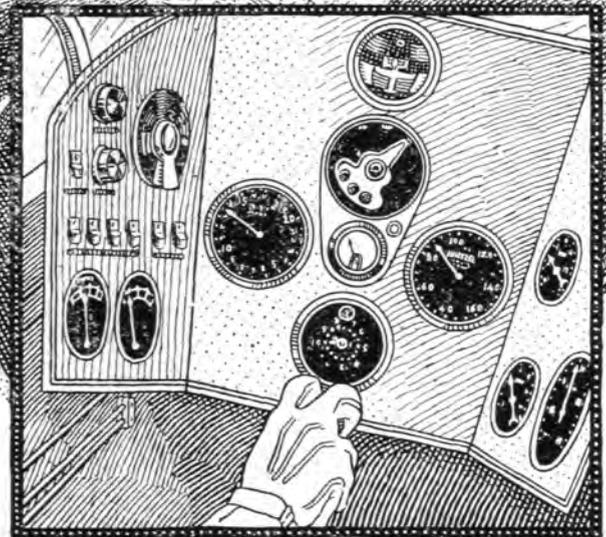


“Eyes” for blind flying!

*Three new G-E contributions
to the conquest of the air*

LINDBERGH, flying blind much of the way, hit Ireland “on the nose” in his New York to Paris flight. Now, as an aid to air navigation comes the magneto compass, a product of General Electric research, which gives pilots a navigating instrument of extraordinary accuracy and sensitiveness. Tests have proved that the average pilot can depend upon this instrument to guide him to predetermined points though hundreds of miles away.

Meanwhile, two other General Electric contributions to aviation, have been developed—the electric gasoline



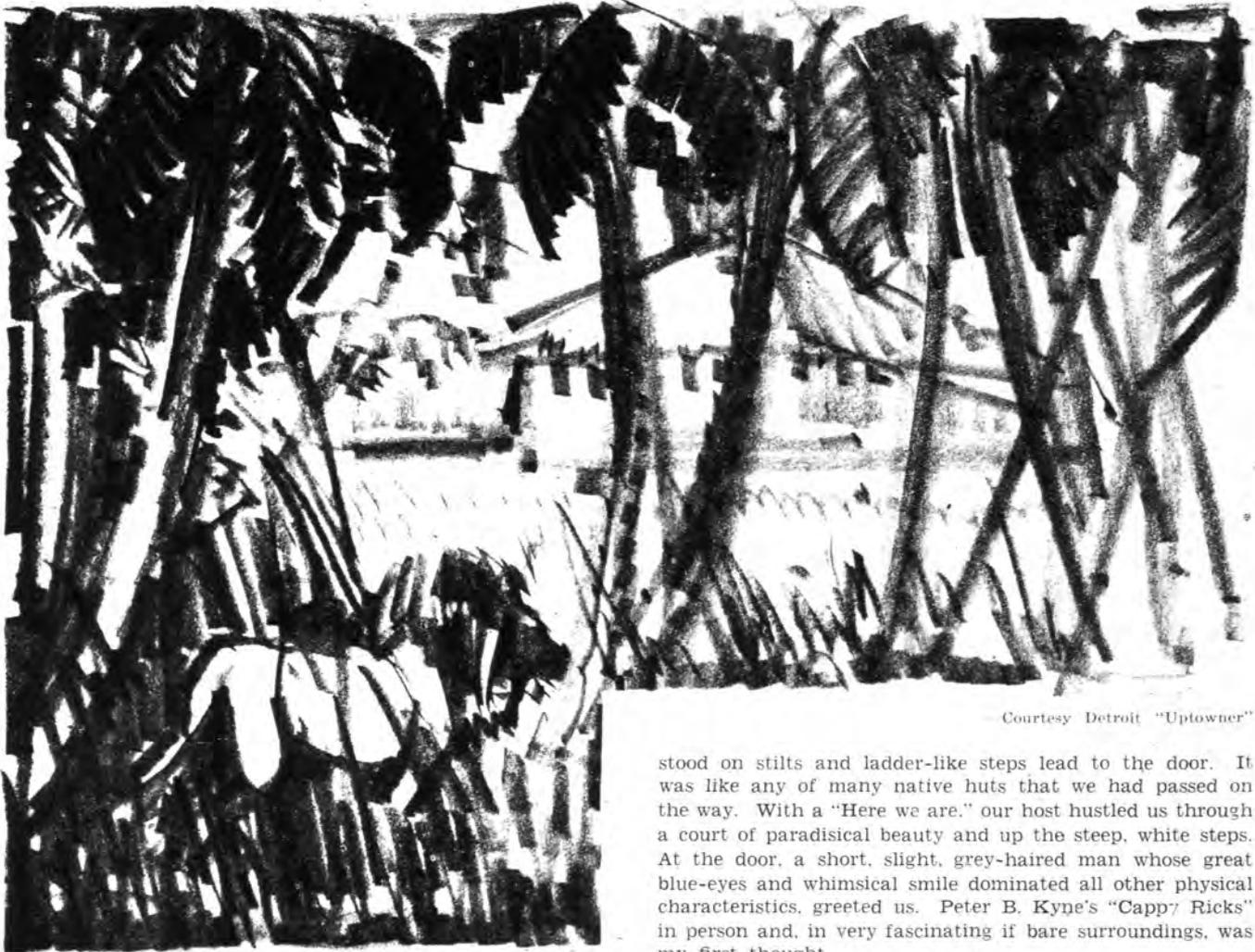
gauge and the radio echo altimeter. The ordinary altimeter shows merely height above sea level. But the radio echo altimeter warns the pilot of his actual distance above *ground or water* by flashing green, yellow, and red lights on the instrument board—thus adding another important new safety factor to the traffic of the air.

By such research, General Electric maintains its leadership in every department of the electrical industry. The list of General Electric products runs into many thousands. On all of them, the G-E monogram is your assurance of electrical correctness and dependability.

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95-682 H

GENERAL ELECTRIC



Courtesy Detroit "Uptowner"

College in the jungle

Written Especially for The Record

By ROBERT H. POWERS, '26



BEAUTIFUL . . . gay . . . hospitable as Manila was, the time soon came when we again had to look on new horizons.

Would it be Singapore or Calcutta? Cebu or Sandakan? We did not know. If chance and a ship should take us to India, then chance did not wish us to gallivant around in Borneo.

But one morning, as we were planning our next move, opportunity came our way in guise of an automobile. By afternoon we were speeding along a primitively picturesque highway to Los Banos—some fifty miles distant. Here at the foothills of Mt. Marquiling, Charles Fuller Baker, an alumnus of our college since 1891, and an illustrious brother of Ray Stannard Baker (David Grayson), in the course of fifteen years, had built an agricultural college that should be classed among the most wonderful single-handed educational accomplishments in the world.

We come to a stop before a thatched-roof cottage. It

stood on stilts and ladder-like steps lead to the door. It was like any of many native huts that we had passed on the way. With a "Here we are," our host hustled us through a court of paradisaical beauty and up the steep, white steps. At the door, a short, slight, grey-haired man whose great blue-eyes and whimsical smile dominated all other physical characteristics, greeted us. Peter B. Kyne's "Cappy Ricks" in person and, in very fascinating if bare surroundings, was my first thought.

In another five minutes, we were totally unaware of Dean Baker's lack of home comforts. We began to regard his bamboo bed, crockery washstand and pitcher and iron-banded trunk as sufficient for a man who lives too much with his work to bother with the luxury of a coil spring and a lavender washstand. In other words, Dean Baker had no home, as we regard "home." But he had the most amazing entomological collection that I have ever seen. Fully half of his workshop-home was taken up by boxes of beetles, butterflies and insects belonging to all classifications, ranging from almost microscopic size to beautifully colored beetles nearly half a foot long, and moths, three of whom could scarcely be crowded in a box. He spent practically all his money for entomological equipment. While he has not bought a suit of clothes in three years, his scientific equipment is more up-to-date than that in many of our own universities and colleges.

First recounting a few of his youthful experiences when a student at Michigan State college, Dean Baker launched into autobiography. He had been twice to South America, then forced to return to the United States because of ill-health. Although it was necessary for him to retire from all work, in less than a year he was gone again. This time to the Philippines. In the 15 years he spent in the Islands, he built the College of Agriculture of the University of the Philippines.

He selected the site, which was a mass of entangled jungle. He pitched in with Filipino students in tearing out shrubs, vines and felling trees. Most of the scientific books that were available, were useless for his particular type of school. Plant life, insect life here on these islands differed widely from that discussed in the standard scientific text books. There was only one thing to do. That was to write text books that would fit the needs. So he gathered



CHARLES F. BAKER, '91
Died July 22, 1927

material, conducted experiments in his laboratory and wrote his own books. Then he made up the curriculum.

But Dean Baker's work did not stop there. His college came under the supervision of the president of the University of the Philippines. And the president of the University was merely an island politician who knew nothing of science or educational practices of any kind for that matter. Fights for appropriations, for new courses, for equipment, for a reliable staff of teachers, things of this sort came up day after day. More than any other man, Dean Baker realized that the future of the Philippines was an agricultural one, not a political or an industrial one. He maintained that the young Filipino should interest himself in agriculture, in better and more scientific farming, than in law and political science.

"Are the Filipinos capable of independence?" we asked him.

"Lord, no," he quickly replied. "Most of the Filipinos who have been educated refuse to work. All they care about is how they can exploit the poor, miserable, superstitious taos. The common people of the Philippines have never been so well treated as the American treat them."

With that he waved his hand in the general direction of a great plantation directly south of the college grounds.

"Exploitation? There's exploitation for you in large, inhuman doses. That's the Rajos estate. Looks beautiful, peaceful, almost like a corner of paradise. But the poor Filipinos that work there! They taste the rawhide about as often as they eat rice. They get miserably small pay and only when the management feels 'generous.' The stores they get their clothing, food and

household supplies from belong to the estate. They are charged six or seven prices for their purchases and are in continual debt. You can't talk of exploitation of the Filipino to me! I know the common people of these islands. But let me show you my insect collection."

The man was really delightfully incomprehensible. Whatever he tackled he did so with the enthusiasm of a dozen men. He cared nothing for fame and wealth, though like his literary brother, he could have had both. Dean Baker took great delight in telling us that he had 112 of the world's greatest scientists working for him—free. He sends strange plants and insects to them in Australia, Germany, Japan, Austria, England, India—all over the world. They work month after month—gladly, willingly, for their's is the scientist's thrill when identifying a new plant or an insect hitherto unknown to science.

Dean Baker told us with regret of the decreasing number of American school teachers on the islands. "They can't get along with the Filipino politicians who run the schools," he explained. Then he took us over to the bungalow of Miss Jule, head of the English department. Afterwards we learned that she was also a prolific writer. She had written several books on Korea and China and contributed numerous articles to American magazines.

We took a short tramp through paths that forestry students had chopped in the jungle. It seems that the boys frequently organize a snake hunting party and only a week before, ten of them came marching to Dean Baker's office with a twenty-foot python—alive!

Energy such as this, we knew could not last long. The man worked far beyond his physical strength. He was so busy looking after his college in the jungle and his scientific experiments that his health gave away. He died on the campus that he wrested from an ever-encroaching jungle. The world took little note of him, but it is the richer for his foresight, for his scientific discoveries. And the students of his jungle college love him to the point of idolization.



—Courtesy Illini Daily

GEORGE ALFRED GOODENOUGH, '91

PROFESSOR GEORGE ALFRED GOODENOUGH, '91, of the University of Illinois, chairman of the western conference faculty committee on athletics and head of the Big Ten eligibility board, was found dead at his home in Urbana, Monday, September 30. Death was caused by heart disease.

Professor Goodenough graduated from the engineering division of M. A. C. in 1891. Upon graduation he became instructor in the engineering division, having charge of the shops. He resigned in 1893 to go with the International Correspondence school at Scranton. In 1895 he went to the University of Illinois as instructor in mechanical engineering staying until 1897, when he again went to Scranton as editor, for the I. C. S., during which period he edited many of their texts on mechanical engineering. In 1899 he returned to the University of Illinois as assistant professor of mechanical engineering, being increased in rank to associate professor in 1906, and in 1911 he was made full professor of thermodynamics which position he held at the time of his death.

Professor Goodenough was a man with a keen analytical mind. His analysis of the flow of air in the Holland Vehicular tunnel under the Hudson river proved a great value during the testing of models of this tunnel that were made at the University of Illinois.

He was probably best known as an authority in problems relating to thermodynamics, and his book on the "Properties of Steam and Ammonia" has been a standard for many years.

Upon the death of Steinmetz he was made consulting engineer by the General Electric company, and assisted in

(Continued on Page 11)

SPARTAN CLUBS

UPPER PENINSULA

THE outstanding alumni event of 1929 in the upper peninsula was the banquet held at the Presbyterian church in Escanaba on the evening of October 3, when the local alumni and visiting teachers of the seventh district celebrated their annual Michigan State night.

"Reliable" Joe Turner, '18, county agricultural agent at Escanaba, was in charge of general arrangements, while "Cy" W. Putnam, '16, of the experiment station at Chatham, was toastmaster. The dinner hour was given to sociability and merriment and was voted a grand success from beginning to end.

Hon. Webster H. Pierce, state superintendent of public instruction, of Lansing, was a guest speaker, while E. E. Gallup, '95, and Alumni Secretary Glen Stewart, '17, brought newsy messages from the alumni association and reports of Michigan State's progress and campus activities. There was more pep and enthusiasm evident than ever before and the teachers of the seventh district will look forward to meeting at Marquette next fall.

Among those present were: Webster H. Pearce, Lansing; Emily Parker, '29, Wakefield; Arthur H. Rice, East Lansing; William C. Brown, Parmer; B. R. Churchill, Mrs. B. R. Churchill, Chatham; Fanny E. Rentola, '22, Wakefield; Edith C. Martinson, '26, Escanaba; J. E. Turner, '18, Mrs. J. E. Turner, Escanaba; J. E. Kotila, '18, East Lansing; Leonard H. Blakeslee, '28, Chatham; R. G. Wallis, '24, Rudyard; A. Webber, '24, Amasa; Henry Wylie, '28, Escanaba; Willena MacDonald, '28, Chassell; Irene A. Johnston, '29, Ensign; V. C. Vaughan, '15, Mrs. V. C. Vaughan, Trenary; Geo. D. Gilbert, '14, Gwinn; Geo. S. Butler, '17, Grand Marais; Clare A. Rood, '20, Marquette; G. F. Biekkola, '24, Mrs. G. F. Biekkola, '24, Brimley; B. F. Gaffney, '22, Chassell; F. M. Skiver, '26, Marquette; W. A. L. Willard, '23, Mar- enisco; John Kelley, '29, Manistique; Cyrus W. Field, '25, Manistique; G. W. Putnam, '16, Mrs. G. W. Putnam, Chatham; E. E. Gallup, '95, Lansing; G. O. Stewart, '17, East Lansing; and a number of guests.

FLINT CLUB ELECTS

"AFTER several years of inactivity we enjoyed a fine alumni meeting Friday evening, September 20, at the home of A. H. Maxson, '25, and wife, 801 East 5th street, when we elected a new board of directors and listened to the challenge of alumni work by Secretary Stewart of the College," writes Elizabeth Bassing-

DETROIT CLUB

RENEWED interest has been taken by the men of the Detroit alumni club and weekly luncheons are being held in the dining room of the Masonic Temple every Wednesday noon at 12:15. Eddie Krehl, '08, president, invites all former Michigan State men to drop in and meet with them. Rivalry has already started in the after-luncheon bowling sessions.

thwaighte Clifford, '24, secretary of the new Flint club.

"A bounteous pot luck supper, with real mountains of salad and cake satisfied the material needs of all of us. The informal visit in the Maxson home seemed to be the tonic everyone needed to start anew the alumni work that Flint alumni have carried on in previous years.

"Secretary Stewart brought us many newsy items from the campus and in closing his remarks stressed the need of a well organized alumni unit in Genesee county. The board of directors were elected by a ballot vote, the twelve highest being elected. On Monday evening, September 23, these people met and the following were elected officers for the coming year: President, Edward D. Clifford, '22; vice-president, A. H. Maxson, '25; secretary-treasurer, Mrs. E. D. Clifford, '24."

The complete board of directors includes: H. G. Bogie, '25, G. G. Hollahan, '16, R. L. Kurtz, '09, Gladys Goeptert, '26, Albert Sobey, '09, Mrs. Ed Clifford, '24, J. R. Buchanan, '27, Dr. R. E. Hammond, '22, Ed. Clifford, '22, A. H. Maxson, '25, and Sid Smith, '12.



Wajfa's time and energy to the work.

JOSEPH WAJFA, '27, and wife Mildred Blass, w'29), left East Lansing recently. From New York they sailed for Alexandria, Egypt, and will go from there to Mr. Wajfa's home at Cairo. Wajfa completed the agricultural course and later carried on graduate work. He was best known on the campus as the varsity fencing coach, having established the sport here and gave

HOMECOMING—Saturday, October 26. The game, State vs. North Carolina State.

PLACEMENT WORK

SINCE the appearance of the September issue of THE RECORD indicating that the executive committee of the M. S. C. Association was back of a movement to establish a placement bureau in connection with the alumni office, considerable outside interest has been shown. In the first place, President MacKinnon in calling this matter to the attention of the executive committee last month urged that immediate steps be taken to work out plans with the College whereby each division of the institution be represented on an advisory committee to work with the alumni secretary in establishing some definite form of placement work.

While several alumni have called in person at the alumni office and written to the alumni secretary it is urged that all information regarding available positions be given each month to the alumni secretary. A new position available at the present time for a junior highway engineer in one of the western counties should be attractive to anyone interested in becoming a county highway engineer. No previous experience is necessary providing the applicant is a civil engineer graduate or has had the equivalent of three years work. The duties of the position are to combine location of survey, designs, estimates and field supervision of road construction. Salary starts at \$150.00 per month. Alumni seeking employment of this nature are urged to communicate with Glen O. Stewart, alumni secretary, East Lansing, Michigan.

The two following positions are reported from last month:

The Travelers Insurance company, of Hartford, Connecticut, is interested in employing a college graduate as assistant district field representative, in the Grand Rapids, Michigan, office, qualifications as follows: Must be a college man, between ages of 25 and 35, prefer married man, no previous insurance selling experience necessary, but must meet public readily. Must live in Grand Rapids for several years, traveling four days a week, then take over district managership.

Home Service Department, Central Public Service corporation, of Chicago, are looking for a home economics woman with technical training. They are interested in a college woman with considerable experience, especially capable of meeting women on their own ground. The position will require some house to house work, giving assistance to women in the operation of their new gas or electric stoves. This position will be in the South among southern women.

GRAND RAPIDS

THE weekly luncheons of the Grand Rapids alumni club have been changed to the Elks Temple cafeteria, and are held every Monday noon. A new private room is available for all who come. Phone "Bill" Coulter at 51177 any time you are in town. Always plenty of newsy gossip and football stories floating around.

"Close Beside the Winding Cedar"



Gordon Merchant, '31, Battle Creek, has been chosen as substitute drum major for the M. S. C. military band, according to announcement made by Leonard Falcone, director. He has been observing candidates to fill the temporary vacancy left by the illness of "Johnny" Gould, State's veteran baton-swinger.

Professor E. L. Austin, new head of the education department, has just received four copies of "The Work of the Teacher of Vocational Agriculture," by Z. M. Smith, one of the foremost authorities on the subject in the country. These are personal gifts from Smith to Professor Austin, who is turning three copies over to the College library for the use of the students.

Professor C. E. Millar, of the College soils department, has just published a 400-page textbook on "Soils and Soil Management." The book is designed for use in agricultural classes in Smith-Hughes high schools.

In commenting on the new text, Dean Joseph Cox of the agricultural division, said that the book is an outstanding contribution to agriculture and is very comprehensive. He stated that the text will probably be used in some short courses offered by the College.

Parent's Day will be held in connection with the Homecoming Day on October 26 this year, according to arrangements made by the College athletic department. The Michigan State-North Carolina inter-sectional clash will feature the day with a Spartan Yearling-Ypsilanti Normal frosh game scheduled for the morning.

Free tickets for the parents will be discontinued this year as the attraction will be a major contest. This arrangement is expected to meet with approval because in former years the minor engagement on Parents' Day failed to satisfy.

Tickets for the North Carolina State game will be reserved, and may be secured at the athletic office.

The Allerton House, intercollegiate alumni hotel of Chicago, announces its "Collegiate Hour" over KYW every Monday evening from 6:30 to 7:30.

The College Y. M. C. A. is planning to purchase a complete electric radio set for the hospital to replace the one now there, the expense of upkeep having become too great.

Alfred J. Doherty, of Clare, former member of the state board of agriculture, died at his home September 23. He played an important part in the political and industrial growth of Michigan, and was state senator for several years.

"Artistique", a monthly dedicated to the arts in Michigan, made its initial appearance in Lansing and East Lansing, October 9. The magazine is edited by Levon E. Horton, w'27, former editor of the Michigan State News, and Donna Deane Horton, w'27, assistant editor.

Contrary to popular opinion, college students like to sleep. At least those students living in the Phi Kappa Tau house, 223 Delta street, have led members of the East Lansing city council to believe so and as a result the side of a street light toward the fraternity house will be shielded so that light will not shine in the front sleeping rooms.

Andrew H. Lavers, former superintendent of buildings and grounds at the College died at Pontiac, Michigan, Tuesday, September 24. Mr. Lavers passed away at St. Joseph Mercy hospital during a blood transfusion preparatory to an operation. He had been ill for five weeks.

At the time of his death Mr. Lavers was business manager of the Cranbrook School for Boys at Bloomfield Hills, a post he assumed after leaving the College on August 1.

All College co-eds have been provided with rooms for the year in spite of the rumors of a housing shortage, according to Elisabeth Conrad, dean of women. The new annex to the Woman's building has been put in use and now co-eds are rooming in the Woman's building, the Elden (located at 323 Ann street), Abbot hall, Sunset Lodge (formerly known as the Collingwood house), and the Annex, which has been opened at 313 Grand River avenue.

HOMEcoming — Saturday, October 26. The game, State vs. North Carolina State.

Lewis Richards, harpsichordist and director of the Michigan Institute of Music, was a guest at a dinner given at the White House October 1 in honor of the British prime minister, Ramsey MacDonald and his daughter, Ishbel. After the dinner Mr. Richards presented the evening's program on the harpsichord.

Colonel Edward Davis, the new commandant of the R. O. T. C. post here, recently arrived in East Lansing with his family. Colonel Davis relieves Lieut. Col. T. L. Sherburne, who has been transferred to the War college in Washington, D. C. Colonel Davis comes to East Lansing from the American legation in Belgrade.

An addition to the College foundry and heat treating laboratory will be constructed at a cost of about \$20,000. The new wing, which will be 25 by 160 feet, has been made necessary due to increased enrollment in engineering courses. Equipment for the addition, which is included in the estimate of costs, will include a traveling crane and electric furnace controls.

President Robert S. Shaw and Mrs. Shaw greeted the old and new members of the faculty at the annual reception held in the Union ballroom October 15. About 600 faculty members and their wives attended the function, which is given each year as a general get-together for all instructors and their wives and for the purpose of welcoming the new members of the faculty.

Abolishment of the long "Hell Week" and the establishment of a uniform initiation period and time for the fraternities at the College is seen as the result of a conference between the presidents of the organizations concerned and B. R. Proulx, '22, chairman of Freshman week, held October 10 in the Union building.

It is proposed to shorten the informal initiation period to seventy-two hours and to postpone it until the last part of the annual Farmers' week which is scheduled during the week of February 3. It is believed that holding initiations at this time will cause less loss of productive class work than in former years, as the usual class routine is disturbed considerably during Farmers' week.

The meeting indicated that the majority of the societies are strongly in favor of the change. Another meeting of the organization presidents will be held in the near future to take definite action.



Capt. Dickeson

Football Season Opened

With Alma Victory; Defeats by Michigan and Colgate



Capt. Danziger

WHILE the score in the annual tilt between Michigan State and the University of Michigan on Saturday, October 5, fails to tell a true story of the game. Coach Jim Crowley's Spartans suffered a 17-0 defeat.

After trouncing Alma 59-6 in an easy fall curtain lifter the varsity played a game that was bitterly fought throughout the afternoon. The Michigan habit of taking advantage of the breaks of the game and a long run that might have happened in any football game gave Coach Harry Kipke's proteges its first victory over the Green and White eleven coached by Jim Crowley of the Four Horsemen fame. In a way, Coach Crowley and his staff made a miraculous showing in bringing their team in the short space of three weeks to a point where it played a potentially great Michigan eleven almost on even terms.

Penalty Hurts

Two touchdowns, two place kicks after the scores and a field goal measured Michigan's margin of victory. Conservative critics the previous week gave Michigan a victory by at least four touchdowns. A 15-yard penalty and a weak punt by Grove early in the game gave Michigan its first scoring chance from the 29-yard line. Six minutes of play put the ball over.

The Spartans did not threaten to score until the third and fourth periods, during which State started a drive down the field with Nordberg leading the way. Their efforts were brought to a halt on Michigan's 20-yard line when Grove was forced to punt. It was just after this attempt that Michigan scored their second touchdown. Perhaps the Spartans were a little down-hearted over failure to step over the line. Anyway, on the second play from the 20-yard line Hudson broke through the right side of his line and cantered 79 yards for a touchdown.

Michigan made a net gain of 234 yards, including the 79 yard run by Hudson for a total of seven first downs while State had a net gain of 70 yards for four first downs.

Harold Smead, the big State center, was the star of the game defensively.

He outplayed Bovard consistently. Hayden and Streb both did yeoman service at the guards, while Exo, the big tackle from Holland, outclassed other men playing the same position. The State ends, Fogg and Haun, were just fair and the coaches will probably



Carl Nordberg
Halfback

have an open berth for some reserve who develops later in the season. On the whole the Wolverines had a typical Michigan team, playing a strong defensive game and taking advantage of State's misfortunes. The score might easily have read, Michigan 7, State 0.

MICHIGAN		STATE
Truskowski	LF	Fogg
Hayden	LT	Dill
Poe	LG	Streb
Bovard	C	Smead
Steinke	RG	Hayden
Auer	RT	Ridler
Dravelling	RE	Haun
Simrall	QB	Grove
Dahlem	LH	Dickeson
Hudson	RH	Nordberg
Gembis	FB	Danziger

Score by periods:				
Michigan	7	3	0	7-17
State	0	0	0	0-0

Touchdowns—Gembis, Hudson. Points after touchdown, Gembis 2. Field Goals—Gembis (15 yard line). Substitutes—Exo for Ridler, Maskrey for Smead, Gross for Hayden, Crall for Dickeson, Dickeson for Crall, Crall for Dickeson, Fase for Haun, Schau for Danziger, Sorenson for Steinke, Joslin for Exo, Heston for Hudson, Hewitt for Dravelling, Samuels for Poe, Cornwel for Truskowski, Morrison for Gembis. Officials—Referee, Nichols (Oberlin). Umpire—Monflaw (Drake). Head Linesman—Thompson (Lawrence). Linesman—Gardiner (Illinois).

Colgate Trips State

THE Spartans suffered their second defeat of the season at Hamilton, New York, on Saturday, October 12, when the powerful, fast running Colgate eleven took them into camp with a score of 31 to 0.

After playing a wonderful game at Wisconsin and making the first touchdown of the game, Andy Kerr's fighting, hard tackling, and tricky Maroon team representing Colgate university where they take their football seriously, displayed an attack that Jim Crowley's green eleven could not solve. Even though displaying more strength than they did against Michigan, the Maroon team gave the Spartans more trouble and rolled up a bigger score than did the Maize and Blue.

Dowler, Colgate halfback, lived up to his reputation as a formidable ball carrier and slipped by State's defense for three touchdowns. Hart, Listet, Yablok and Mackaluso picked the weak spots of the Spartan line with unflinching accuracy.

Smead performed well at center, bracing the line and giving Captain Cox of the opposition plenty of work. Grove's punting compared favorably with that of Hart, highly touted Colgate kicker. Danziger, Dickeson and Schau got through the Colgate line and around the ends for gains but the Maroon line always tightened whenever their goal was threatened.

About twenty loyal fans drove down to the game from East Lansing, while Al Bibbins rounded up a dozen or more alumni in New York state to see the game. The defeat of the Spartans in no way hazarded the interest of alumni who saw the game and highest praise was given Crowley and his assistants for the creditable showing made so far this season.

COLGATE		STATE
Stromiello	LE	Fogg
Huntington	LT	Dill
Gilson	LG	Hayden
Cox	C	Smead
Doyle	RG	Streb
Haines	RT	Exo
Orsi	RE	Fase
Yablok	QB	Grove
Hart	LH	Nordberg
Dowler	RH	Dickeson
Litster	FB	Danziger

Score by periods:				
Colgate	7	12	12	0 31
State	0	0	0	0 00

Touchdowns - Dowler (3): Mackaluso. Points after touchdown, Stromiello. Substitutions - Colgate, Reynolds for Dowler, Sullivan for Stromiello, Conroy for Litster, Lockwood for Doyle, Abbruzzino for Orsi, Mackaluso for Hart, Doyle for Gilson, Riley for Cox. State - Haun for Fase, Joslin for Exo, Maskrey for Smead, Exo for Joslin, Smead for Maskrey, Breen for Nordberg, Referee Young, Line-man - Ryan, Umpire - Reed.

GYMNASIUM GOSSIP

The strong freshman football team will play the Michigan Normal freshmen here the morning of Homecoming October 26. They will appear in Grand Rapids on Armistice Day, November 11, against the strong Grand Rapids Junior College eleven.

The cross-country squad of 24 freshmen and 16 regulars are hard at work under Mort Mason this fall. Unbeaten for two years in succession, Mason hopes to have his regulars in shape to defeat the Notre Dame team which comes here October 26, as an additional attraction for the Homecoming crowd.

Coach Ben Van Alstyne has issued an early call to varsity basketball candidates. Van will hold three evening sessions each week with the boys during the early season drill. Jim Van Zylén, veteran forward for two seasons will captain the court squad this season. With several veterans back besides Captain Van Zylén and newcomers from last year's freshman squad Van Alstyne will have a fair bunch of candidates to work with, altho it is still too early to make any predictions.

Swamp Adrian Eleven

THE smashing attack of the Spartans last Saturday carried them to a 74 to 0, victory over the weak Adrian college eleven, and evened the season's record with two victories and two defeats.

Anxious to atone for the defeats at the hands of Michigan and Colgate, the Spartans opened up their fireworks immediately to gain a 34 point lead at the half. State made forty-nine first downs against one by Adrian, netting them 597 yards' gain.

Crowley's team indicated that it benefited greatly by the fundamental drills stressed last week in practice, for the tackling and blocking was first rate.

Captain Fred Danziger suffered serious injuries in the game, being carried from the field with a badly bruised hip and back.

On October 5 Duke University of North Carolina dedicated its new stadium which seats 35,000.

Colorful Autumn-tinted Trees Arouse Aesthetic Sense in Campus Visitors

TIME and again these last few weeks one hears the remark, "Isn't it gorgeous, just look at those colors!" They are more than gorgeous, these autumn-tinted trees on the campus. Soon they will be bare and nothing but their black skeletons will be left silhouetted against the heavy skies of winter.

How many know those trees by name? One notices them probably more at this time of year than at any other, and has often heard our campus praised for its natural beauty, yet how many of us are really on speaking terms with those things which add the most to its beauty, the trees?

At the very entrance of the campus, tall and rugged, irregular in shape, stands a white oak, king of all the oaks, and now its leaves have turned a dull brown and are falling one by one into the street below. Just north of the Forest of Arden a sugar maple has blushed a brilliant red-orange and its foliage stands out in vivid contrast to the dull blue-green of the firs and pines. Along the campus drive near the music building a member of the black oak family has turned its leaves to golden-brown, yellow and red. In the sunlight they seem to be venerated, they shine so.

The mulberry by the Home Economics building has taken on a garb of yellow and the fragments of its dress tumble to earth at the slightest touch. The flat topped elms, symbols of beauty, that line the highway are almost bare already and only a few dull yellow leaves still cling to the graceful branches. The catalpas still hold to their large heart-shaped leaves, now turned a pale yellow-green.

In front of Abbot hall the huge poplar already stands waiting for the first blasts of winter to whistle through its barren branches. Farther on a willow, sad as always, dares not put on

a brighter hue, but only turns a duller, paler green. The horse-chestnut near the English building (the old Union Literary house) has turned a brilliant yellow-brown and passersby stoop to pick up the shining buckeyes. Down along the river, tall old twisted trees cast bright reflections of golden, yellow, crimson and red in the slowly moving stream, or drop a leaf or two upon its surface to watch them float away till all are gone, and autumn's work is done and winter comes to paint new scenes about our campus.

DEATHS

(Continued from Page 6)

the solution of many problems having to do with large steam turbine design.

He was the author of several books, two on calculus as co-author with E. J. Townsend, and "Principles of Thermodynamics," as well as the previously mentioned "Properties of Steam and Ammonia." He also wrote the section on heat in Marks "Mechanical Engineers Handbook."

He was a member of Tau Beta Pi and for several years was president of the executive council of that organization.

JOHN WENNER APPLIN, 1911

John Wenner Applin, '11, died at his home in Detroit on August 13, 1929, of heart trouble. He was born June 29, 1889, in East Tawas, Michigan. He held several responsible positions, being chief engineer for the Lafayette Motor Car company of Indianapolis, and designer of the six cylinder Hupp Motor car the last five years.

He leaves a wife, son John Wenner, Jr., seven years old, and a fourteen months old daughter, Joan Mavis. He is also survived by his father and mother of East Tawas, three sisters and six brothers, one of whom is Roy H. Applin, '25.

—Contributed by Walter T. Scott, Detroit.

EARL MONROE BENNETT, w'14

Earl M. Bennett, w'14, died at his home in Flint, Michigan, Sunday, September 23, of apoplexy. He is survived by his wife and three children, his parents of Traverse City, a sister and a brother, Donald, '12, of Lansing.

Why a college education?—"To qualify young men for the different professions and for the honorable discharge of the various duties of life."—From the Original Charter of Grinnell College.

Enrollment Passes 3000

WITH 3006 students actually enrolled this fall all previous records in attendance have been broken, according to Miss Elida Yakeley, registrar. While the totals of each division have not been compiled it is known that the freshman class will practically reach the 1000 mark, and that the liberal arts division will again lead other departments in numbers.

The largest previous class entered in 1927 when 938 freshmen registered during the entire fall term. This year the number of transfer students from other institutions and post graduate students has helped materially in swelling the totals.



FRATERNITIES and sororities will compete in the annual contest for the best decorated house on Homecoming, Saturday, October 26. This feature is of great interest to alumni visitors as they return to their favorite houses.



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ALUMNI AFFAIRS

1876

Ervin D. Brooks, Secretary
710 S. Park St., Kalamazoo, Mich.

Jay D. Stannard gives his new address as Route 1, Box 221, Phoenix, Arizona.

1891

W. O. Hedrick, Secretary
220 Oakhill, East Lansing, Mich.

According to an article in a recent issue of the Christian Century, Kenyon L. Butterfield has been retained by the International Missionary council to make a two years' study of the rural church situation in India and China. Dr. Butterfield spent several months in Africa for the Carnegie Foundation advising the churches in ways of meeting the rural situation in that region.

1893

Luther H. Baker, Secretary
205 Delta St., East Lansing, Mich.

Dr. Lyman J. Briggs, assistant director for research and testing at the United States bureau of standards, addressed the Western Society of Engineers at their September 16 meeting in Chicago, on the subject of "Research at the National Bureau of Standards."

1894

Clarence B. Smith, Secretary
1 Montgomery St., Takoma Park, D. C.

Hugh McArthur, 17-year-old son of Duncan D. McArthur of San Diego, California, is making a name for himself in junior tennis circles in California. He is heralded as tennis ambassador for the San Diego high school, having brought more prep singles titles to San Diego than any other netter in the school's history.

1899

S. Fred Edwards, Secretary
801 Ionia St., Lansing, Mich.

E. D. Gagnier, of Youngstown, Ohio, was a caller at the Alumni office September 17. His son entered the liberal arts division with the class of 1933.

1902

Norman B. Horton, Secretary
Fruit Ridge, Mich.

G. D. Francisco gives his new address as 228 Academy avenue, Mt. Lebanon, Pittsburgh, Pennsylvania.

The DePaul university school of music, Chicago, includes in its faculty list the name of Irving Gingrich, with the following note: "Mr. Gingrich is well known as a composer, conductor and

teacher of theory. He was a student of Adolph Weidig. Mr. Gingrich has been connected with many prominent music schools before joining the faculty of DePaul university, and his numerous pupils will testify as to his splendid teaching ability. Mr. Gingrich has upward of thirty published compositions to his credit."

1904

L. T. Clark, Secretary
296 E. Grand Blvd., Detroit, Mich.

Roscoe J. Carl is living in Lansing at 1525 W. Saginaw street, and is a part owner of the Cushman-Carl company, grain elevator, at 310 Beaver street, Lansing.

D. A. and Mrs. Gurney (Anna Pickett, '05) spent several days at the Union building the latter part of September, and called on old college friends. Their son entered the engineering school at the University of Michigan.

1910

Mrs. Minnie Johnson Starr, Secretary
627 Madison Ave., Grand Rapids, Mich.

J. A. Waldron should be addressed at R. 3, Box 166B, Minoito ranch, Phoenix, Arizona.

Make the Traffic Policeman

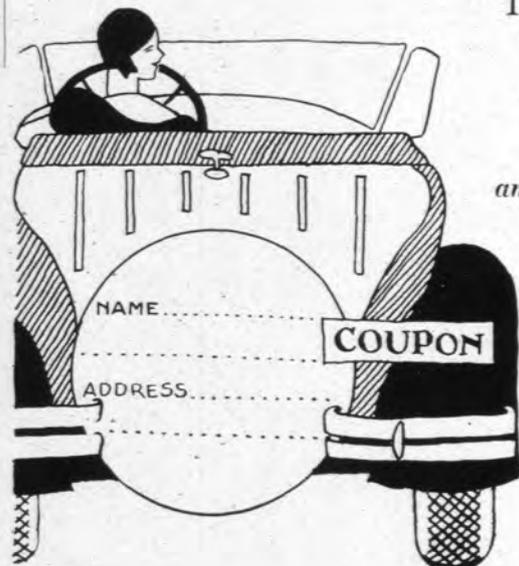
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MEETING in Southern California of the boys of '81, at the home of Ed. C. McKee, 1825 Colina drive, Glendale, California. The picture was taken August 22, 1929, and in the picture are, left to right, George C. Grover, A. H. Voigt (holding copy of RECORD), and Ed. C. McKee.

1917

Mary LaSelle, Secretary

420 W. Hillsdale St., Lansing, Mich.

Hazen P. English's blue slip comes from 2532 Winnemac avenue, Chicago, Illinois, and contains the following: "Federal grain supervision U. S. department of agriculture, 327 S. LaSalle street, Chicago. Addition to family, Mr. Bill English, March 29, 1929.

H. T. Reid has moved from Cleveland to 803 Morley avenue, Niagara Falls, New York, where he is assistant works manager of the Atchison Graphite corporation.

1918

Willard Coulter, Secretary

1265 Randolph S. E., Grand Rapids, Mich.

Mabel MacLachlan may be reached at St. James place, Sault Ste. Marie.

S. T. Wellman reports no change from 738 Audabon boulevard, Jackson. He deplors the lack of '18 notes in THE RECORD and suggests: "Perhaps the members of the class are all too busy keeping the wolf from the door (or playing golf) to write in what they are doing."

1919

Paul Howell, Secretary

756 Oakdale, Jackson, Mich.

Ethel M. Spaford gives her new Denver address as 809 Humboldt.

1920

Edward J. Leenhouts, Secretary

639 La Salle St. Station, N. Y. C. Lines
Chicago, Illinois

Edward L. and Gertrude Babcock

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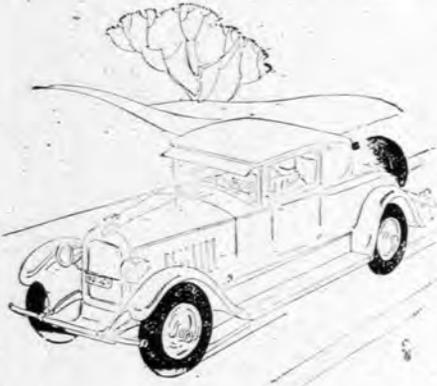
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Manager





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Karkau are living in Pontiac, Michigan at 230 Oneida road. Karkau is power and illuminating engineer for the Consumers Power company.

1921

Maurice Rann, Secretary
1509 Osborn Road, Lansing, Mich.

Clayton E. Marshall gives his new address as Newport, Michigan.

James Tyson received his Ph.D. in soils from M. S. C. in June.

Harold R. Weber has moved in Elm-hurst, New York, to 90-16 54th avenue.

1922

Mrs. Donald Durfee, Secretary
12758 Stoepel Ave., Detroit, Mich.

Harold M. Coburn has moved in Gary, Indiana, to 342 Ellsworth street.

1924

Clarissa Anderson, Secretary
534 Evergreen, East Lansing, Mich.

J. J. Jasper may be reached in Chicago at 5649 Dorchester avenue.

1925

Frances Ayres, Secretary
East Lansing, Michigan

Charles E. Kellogg received his Ph.D. in soils from the College in June.

1926

Ray Riggs, Secretary
Union Memorial Bldg. East Lansing, Michigan

R. J. Thomasma may be reached at the Coronado hotel in St. Louis, Missouri. He is with the Campbell Ewald Advertising company.

Robert and Ellen Morgan ('27) Buz-zard, of Washington, D. C., announce the birth of twin daughters.

Frank L. Taylor is an engineer with the Detroit Edison company. 3051 W. Philadelphia, Detroit, reaches him.

Mr. and Mrs. A. C. MacKinnon, '95, of Bay City, announce the engagement of their daughter, Mary-Kirk, '26, Alpha Phi, to Mr. Frank Bury Wood-ford, U. of Penn., '25, Delta Tau Delta, of Detroit, Michigan. The wedding is to be an event of November 14.

Robert H. Powers is with the Broose, Smith & French, Inc., advertising firm, 82 E. Hancock street, Detroit.

Ina Redman gives her address as Manistee, Michigan.

Ruth Featherly Schubert is serving as assistant state club leader in the upper peninsula of Michigan until the holidays, in place of Emma Dubord, '24, who resigned a few weeks ago to become home demonstration agent, in Wayne county.

1927

Eleanor Rainey Mallender, Secretary
405 Oakdale, Royal Oak, Mich.

Olive Reed Anderson (Mrs. Charles R.) may be reached in care of the Bu-reau of Education, Manila, Philippine Islands.

George L. Dirks gives his new address as 77 W. Dalton street, Akron, Ohio.

Lorraine Butler Morrice is living in Imlay City, Michigan, at 165 Main street.

A. M. Coan sends his new address

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A. D. Baker, '89 L. H. Baker, '93

as Apartment 306, 318 W. Second street, Flint, Michigan, with the following explanation: "Since August 3, I have been trying to prove the oft-repeated phrase that 'two can live as cheaply as one'. The new member goes by the name of Dorothy Irene. Although not a graduate or former student of M. S. C., I feel that we have something in common regarding the school question as she was graduated from the University of Kentucky which is also an agricultural college, so I feel that though her Alma Mater can't claim quite the distinction that M. S. C. can we are both 'Aggies.' We would be glad to see any former, present or prospective M. S. C. students any time they are inclined to pay us a visit. Am looking forward to a very successful year at M. S. C. in every line, it's a great old school."

Franklin Greager has for his new address 334 1/2 Beardsley avenue, Elkhart, Indiana.

1928

Karl Davies, Secretary
533 Cherry St., Lansing, Mich.

Donna L. Bassett is a visiting house-keeper in Detroit, and may be reached at 8231 Merrill avenue.

Paul Blake writes: "Am still wandering up and down the Atlantic seaboard with the United States geological survey. I find that it is very fascinating for anyone who doesn't mind moving about. At present I am camped up in the White Mountains seven or eight miles east of 'The Old Man of the Mountains' and a few miles more from the nearest accessible habitation. They must have lost our friend Clyde Beck in the General Electric works. I stopped there on my way up to this assignment and had them looking all over for him but I failed to see him." Paul may be reached at Cheboygan, Michigan.

Verna Church received her M. A. in math this June, and she is now working in the College registrar's office.

Charles L. Crasper is county agricultural agent for Midland county with headquarters in the court house in Midland.

Russell R. Lord sends his blue slip from 785 N. 39th, East St. Louis, Illinois, with the following: "Am working for the Evans-Wallaner Zinc company on a new million dollar electrolytic zinc plant. Just across the muddy old Mississippi from St. Louis, Missouri. M. S. C. folks are sure scarce so any of the crowd can be sure of a great welcome if they drop in here."

Martha Stein gives her new address as Grandville, Michigan.

Mildred Perry Proctor notes on her blue slip: "My husband, Waldo C. Proctor, has been teaching agriculture the past year, and will continue the coming year, in the Walled Lake consolidated high school. I have been putting into practice some of the things taught by the home economics department. We are the proud par-



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ents of a daughter, Geraldine Lois, born September 18, 1928."

Ruth Bowen has moved from Dayton to Mansfield, Ohio, where she may be reached at 55 Garfield place.

Dorothy Stopplet has moved in East Lansing to 621 Rosewood.

1929

Philip Olin, Secretary
East Lansing, Michigan

Virginia Dell entered the University of Michigan law school this fall.

Henriette Scovell is teaching at Rockford, Michigan.

Walter Sheldon is in the agricultural engineering department at the college.

Mary Serrine is a bacteriologist at the city hospital in South Haven, Michigan.

Ilo Smith is teaching art in Oscoda, Michigan.

Louise Spicer is doing textile work at the J. L. Hudson store in Detroit. Her home is at Plymouth.

Lois A. Sprinkle is taking six months dietetics training at the University hospital at Ann Arbor.

George Sprunk has started research work under the joint auspices of the Mining and Metallurgy Advisory boards to the Carnegie Institute of Technology and the U. S. Bureau of Mines. Mr. Sprunk is one of nine appointed by the boards to study various problems in coal mining, utilization of fuels, and iron and steel metallurgy. He will work in the mining laboratory and has been assigned to a study of "The Chemistry of Decay in Relation to Peat and Coal Formation. Each year the board selects graduates of approved institutions who are eligible for fellowships, and awards each the sum of \$750. Advanced degrees in engineering are granted upon the satisfactory completion of a definite course of study, which includes the presentation of a thesis which is published by the co-

operating parties. The laboratory work is done at the Bureau of Mines which adjoins the Carnegie Tech campus.

Louise Stewart is teaching at Caro, Michigan.

Alice Teel is teaching in Lapeer, Michigan.

Walter Thompson may be reached in care of the Akron Veterinary hospital, 50 E. Buchtel avenue, Akron, Ohio.

C. D. Tuttle is assistant in chemistry at M. S. C.

Harold Vollmer is in the contracting business. He lives at 1420 Ames street, Saginaw, Michigan.

Eunice Winans is teaching at Bloomington, Michigan.

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