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Beauty In The Earth

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Alumni Day, June 11

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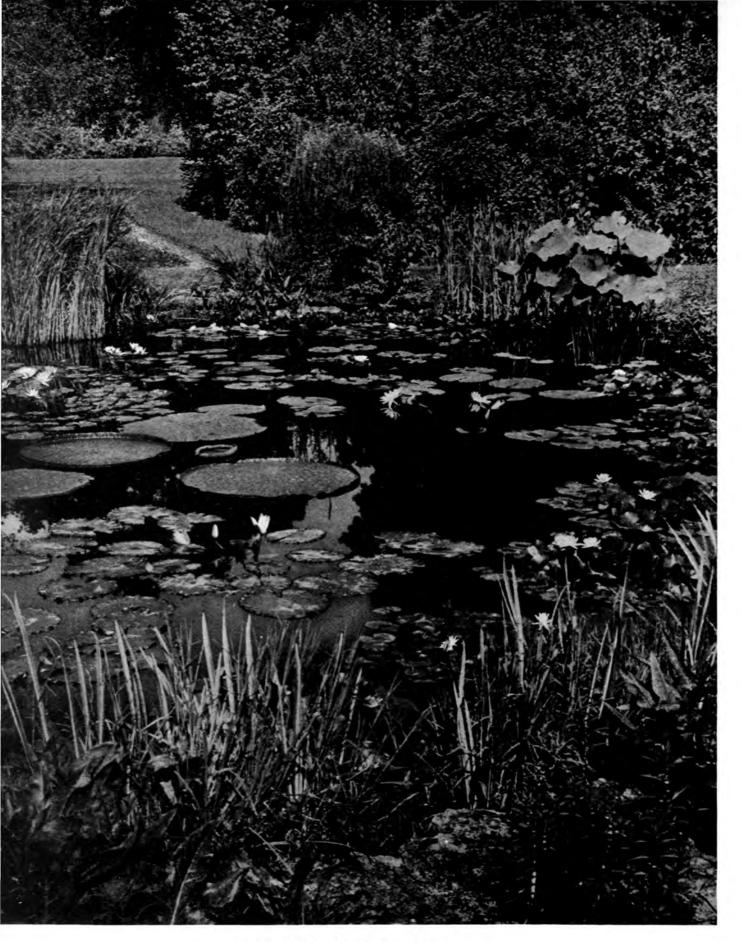
When The Woman's Building Was New

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Commencement

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He's 80



The Beal Botanic Gardens (See story on page 4) COVER: Miss Ola Gelzer, '38, Hillsdale, Michigan, president of Mortar Board, rehearses on Miss Beverly Smith, '38, South Haven, Michigan, for "tapping" ceremonies staged at the May Morning Sing.



THE MICHIGAN STATE COLLEGE

RECORD

LLOYD H. GEIL Editor Glen O. Stewart '17 . . . Alumni Secretary Gladys M. Franks '27 . . . Alumni Recorder

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Top: Entomologist Hutson inspecting bug trap.

Center: Canoe tilting on the Red Cedar.

Bottom: Engineer Musselman and his new tractor-Student Talladay at the controls.

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BABYLON'S heralded Hanging Gardens have nothing on the sunken gardens of Michigan State college.

Thousands of visitors will be verifying this rather bold statement for themselves by sauntering through the gardens to admire gorgeous banks of moss phlox, tulips, magnolias, narcissus, aubrietia, and daffodils, in the heart of the college campus. This resurgence of spring, nowhere seen to better advantage than in the garden spot on the banks of the fabled Red Cedar river, less than three miles from the capitol dome, has particular significance this year. Let H. L. R. Chapman, superintendent of the botanic garden and one-time comrade of that almost mythical figure, Lawrence of Arabia, tell you why:

"Right now we have a little better than two acres here," he explains, taking you on a walk toward the river.

You suddenly come to a halt. There is no more garden. Something, you feel, is in the process of creation. And so

it turns out. Here is a greensward. s q u a r e in shape, surrounding a pedestal and sun dial. Elsewhere from the new span which crosses the river by the old gymnasium, to the railroad bridge, a quarter mile to the southeast, is land that will be filled in with rich soil, worked over, laid out, finally planted.

"This is to be the new Garfield section of the garden." Chapman says. "When we get through we will have seven acres of the finest botanic gardens in the entire middle west."

Named in honor of

Charles W. Garfield of Grand Rapids, a former member of the state board of agriculture, the new section will be devoted to native American flora, with emphasis placed on Michigan plants, many of which are now becoming so rare through crowding out by European varieties which have become little better than weeds, by overpicking, and other reasons, that this one idea of perpetuation for future generations of the old Michigan alone justifies the addition of ground that will one day burgeon with beauty familiar to the native Ojibway and the early settler who cleared this ground less than a century ago.

THIS extension and restoration of the old Beal Botanic garden, better known as the "sunken gardens," was authorized by the state board of agriculture, and will be under the direct supervision of Mr. Chapman. The foresight of the late Dr. W. J. Beal, who in 1877 started the garden, is brought out sharply by this new development, for here will be seen representative plants from every nation on the face of the globe—some 3,000 species in all—and a complete native section. This was as Doctor Beal would have wished it, and his farsightedness in planning this development will be apparent to all who motor along the Red Cedar or around the drive that circles the "Forest of Arden" and the parade ground, during the coming months.

While the Garfield enlargement steals, at the moment, the hon's share of the sunken garden scene, and quite justifiably, Mr. Chapman points out that there are other important things being done to draw some 50,000 visitors this summer. In the past, the garden has attracted a peak of 40,000 annually.

To insure relaxation and beauty for summer visitors, the

entire garden is being given a "face lifting" in preparation for its formal debut as Michigan's outstanding botanic retreat. The famous rock garden overlooking the pond will be "renovated," the hard field stones being replaced by the more picturesque and fitting crusted limestone, over which lichens and moss will hang. Over 500 tulip bulbs, furnished by Del Vandervoort, w'18, are blossoming out in full May finery, a gorgeous splash of color.

The pond and its immediate surroundings, screened in summer by tall grasses and rushes, is a favorite spot with visitors.

MORE people have obtained information about the raising of aquatic plants here than in any other garden spot in the state. They even come here before the season cpens to see how it's done," beams Mr. Chapman.

Last summer, unknown to many thousands who have not yet learned of this garden spot, a rare Victoria Regia, largest of

> all water lilies, and more at home on the broad bosom of Brazil's Amazon than in the sunken garden, bloomed here. It attained a leaf spread of four feet! This. Mr. Chapman says, is only two feet less than its tropical home.

> Half hidden in a cluster of evergreens at the edge of the pool is a rustic log cabin, and near that a stone seat in a bower. Situated as they are on the edge of the pool, these spots have garnered considerable campus legend as aids of Dan Cupid. Hundreds of over sized goldfish already are strok-

ing through the pool. "They've been here all winter." Chapman says.

There was a time, not so many weeks ago, when the Red Cedar river, rising over its banks, rushed into the garden, invaded the pool, and seemed in a goodly way to reduce the goldfish population. When the waters receded, however, the finny residents were as plentiful as ever.

Hardy lilies keep the goldfish company during the winter months. There will be more of them this year. Too, there will be tropical night blooming water lilies—something to see by the light of a full moon.

"The old grads come back year after year to this spot," says Mr. Chapman. "We're keeping the old garden much as it was because of the tremendous amount of sentiment about it. The changes we make in the old Beal section of the garden are gradual changes—nothing that will tend to dissolve that sentiment."

THE purpose of the sunken garden is three-fold: Student laboratory experimentation, club study, and general public enjoyment. Biology students by the hundreds get their grounding here, while an average of 35 or 40 garden clubs visit the spot every year, taking home with them a wealth of information and a finer appreciation of what is being done.

To further this three-fold program requires a "behind-thescenes" research little guessed by the casual visitors to the Beal-Garfield botanic gardens. To the southeast of the old Beal portion of the gardens, hidden behind a screen of trees, is the experimental "nerve center" of the entire sevenacre plot. Here plants from every corner of the earth are nurtured with all the care that can be mustered by biological science; here is decided the fate of new- (*Turn to page 15*)

MICHIGAN STATE

Beauty In The Earth

By Birt Darling

(Story reprinted with permission from the Lansing State Journal)



C. P. Close '95

WASHINGTON, D. C.—In appreciation of his service to extension work, Charles P. Close, '95, senior extension horticulturist for the U. S. Department of Agriculture, was awarded a diamondset key by Mu Chapter of Epsilon Sigma Phi upon his retirement in January.

Mr. Close received a master of science degree in horticulture from M. S. C. in 1897. For the last 27 years he has been associated with the U. S. Department of Agriculture, serving as extension horticulturist since 1917. Durthe 16 years prior to his employment by the department he was engaged in horticultural research and teaching at the Maryland Agricultural college and Experiment station, the Utah Agricultural college, and the New York State Agricultural Experiment station at Geneva, N. Y.

An active member of professional organizations, Mr. Close has served for 20 years as secretary-treasurer of the American Society for Horticultural Science, of which he is a charter member. He is also a life member of the American Pomological society, a charter member of the Northern Nut Growers' Association for the Advancement of Science, and a member of the American Genetic association.

Osmond Beckwith '33

NEW YORK CITY—Author and publisher is Osmond Beckwith, '33, who has just put on sale his first book of poems, "Lyrics." The volume, hand set and hand bound by the author, contains 64 poems, some of which were first published in the poetry magazine, "Smoke." The book is not sold through bookstores, but by mail.

Mr. Beckwith was graduated from the liberal arts division with a degree of

By Norman Kenyon, '38

bachelor of arts in 1933. As an undergraduate he achieved literary recognition on the campus by winning several journalistic contests. For two years he was a contributor to the *Record*.

Since 1933 Mr. Beckwith has lived in New York city engaged in various literary pursuits.

C. A. Spaulding '14

CHICAGO, Illinois—Recently appointed as sales manager of the Crossett Paper Mills was Chester A. Spaulding, '14, who, for the last six years, has served as assistant secretary of the National Paper Trade association. The Crossett Mills, a division of the Crossett Lumber company, came into production early last year with a new mill at Crossett, Arkansas. Headquarters is at 919 N. Michigan avenue, Chicago.

In announcing Mr. Spaulding's resignation from the National Paper Trade association, A. H. Chamberlain, executive secretary, stated:

"This will be felt as a great personal loss by every member of the association but falls most heavily on the officers and staff. Our feeling is tempered, however, by gratification at Chet's good fortune and well deserved recognition in a position of responsibility and promise."

Mr. Spaulding was graduated in 1914 from the division of agriculture. For two years he taught agriculture in the Marshall, Michigan, schools and then served for two years in the U. S. Department of Agriculture.

In 1918 he enlisted in the U.S.N.R. Air service, serving with the 18th Flight of the Seattle Naval Aviation detachment.

After the war he became connected with the Carpenter Paper company of Des Moines, Iowa. He is married and now lives in White Plains, New York.

H. E. Young '02

LAFAYETTE, Indiana—Widely known in Indiana for his work as state director of Gardens and Food conservation for the Governor's Commission of Unemployment Relief, H. E. Young, '02, was recently promoted to the position of associate in agricultural extension at Purdue university and state leader of farmers' institutes. Mr. Young, who, since 1931, has been a member of the horticultural extension staff at Purdue, succeeds the late Prof. Walter Q. Fitch, who died in December.

As an extension worker Mr. Young became noted for his development of the idea of industrial and community gardens as an important step in the general relief program during the early days of the depression.

Upon his graduation from the division of agriculture at Michigan State college, he served for a time as editor of the Indiana Farmers' Guide. For seven years, he was editor of the Farmers' Review in Chicago.

Eric Bottom '30

LITTLE ROCK, Arkansas—A U. S. Army engineer's life is like a game of checkers—just one move after another. As proof of this comes word from Eric Bottom, '30, of his most recent change of scenery. On January 28 of this year he was transferred by the Secretary of War to Little Rock, where he will be in charge of the navigation study on the Arkansas river.

His new job entails an extensive potential tonnage and traffic study, preliminary designs and estimates for many locks and dams, and relocation and alteration of highway and railroad bridges. Interwoven with this will be his work on a flood control idea.

Mr. Bottom entered his present position with the U. S. Army Corps of Engineers in 1931 after being graduated from the M. S. C. division of engineering the previous year. His first base of operations was on the Illinois waterway.

Commencement . . .

Governor Frank Murphy Will Speak at 80th Annual Graduation Program On June 13; Seniors Will Hear the Rev. Albert Buckner Coe Deliver Baccalaureate Sermon.

MICHIGAN STATE'S 80th annual commencement program will be held at 10:30 a. m., Monday, June 13, in Demonstration hall and will feature Governor Frank Murphy of Michigan as main speaker.

The baccalaureate sermon at 3 p. m. Sunday, June 12, will be delivered by the Rev. Albert Buckner Coe, minister of the First Congregational church, Oak Park, Illinois.

Governor Murphy, formerly high commissioner to the Philippines, holds the LL.B. degree from the University of Michigan. He also did graduate study in London and in Dublin, Ireland.

The baccalaureate speaker is a graduate of Western Maryland college, and attended Yale Divinity school and Johns Hopkins university. He holds the D.D. degree from Yanktown (South Dakota) college.

Commencement day exercises will climax two weeks of senior activities, opening on Wednesday, June 1, with the Swing Out party and dance in the Union building.

Tuesday, June 7, will be Lantern Night, traditional ceremony at which senior class women will march to a spot in front of Beaumont Tower where they will hand lighted lanterns to the junior class women as a symbol of passing on duties of $co\epsilon d$ leadership and responsibility.

On Wednesday and Thursday nights, June 8 and 9, the senior play will be presented on an outdoor stage in the Forest of Arden.

The annual water carnival, which this year will have as its theme, "A Night in Fairyland," will attract audiences to the banks of the Red Cedar near Farm Lane bridge on Friday and Saturday nights, June 10 and 11. Leora Horning, home economics junior from Brooklyn, Michigan, is the author of the 1938 water carnival theme, taken from a series of popular children's stories.

"Snow White and the Seven Dwarfs," made famous by an animated movie adaptation, will hold a prominent spot in the parade of 40 floats which make up the carnival.

Old grads will have "their" day on Saturday, June 11, when the 8th anniversary Alumni Day is celebrated. Festivities will begin at 8 a. m.

On Monday morning, June 13, senior

military students will be awarded their commissions at a special R. O. T. C. parade held in their honor.

Frank Gaines of Lansing, president of this year's senior class, is in charge of commencement arrangements.

In previous years two dates possessed brighter lustre than any others in the long line of commencement exercises at Michigan State college. On November 12, 1862, the first regular commence-



Governor Frank Murphy

ment was held. On May 31, 1907, President Theodore Roosevelt presented the diplomas to the graduating class.

When the five members of the class of '62' met in the college chapel for the last time, they became the first students to receive their degrees at a formal commencement at Michigan State college. An unidentified newspaper clipping, dated 1868, states that the course of study was extended from two to four years in 1861, and no one was graduated from the two years course in that year. The exercises were simple in '62,' consisting of music, a prayer, and seven orations.

Far different was the commencement of 1907, however, for this year marked the semi-centennial celebration of the beginning of Michigan Agricultural college. President Theodore Roosevelt delivered the principal address of the day to an estimated audience of more than 20,000 people. The address was given from a platform on the elevation in front of the present college hospital. Nearby trees were utilized by the many spectators who were unable to find places in the crowd which extended back to the present Gym annex. Following his talk, Mr. Roosevelt presented the diplomas to the seniors, after which honorary degrees were conferred by President Jonathan LeMoyne Snyder upon 16 distinguished guests among whom were Gifford Pinchot of Pennsylvania and Secretary of Agriculture, James Wilson.

Although the year, 1907, is outstanding in the list of commencement days there were many others worthy of notice. A quotation from a contemporary newspaper preserves the warmth of the exercises of 1868, and demonstrates that even in the absence of well-known speakers the day was adequately celebrated.

"Others may be assured," the paper states, "that the oysters and coffee, chickens, cake, and other relishables, were true to their several names and qualities—each the best of its kind."

Booker T. Washington was the speaker for the class of 1900. Jane Addams of Hull house talked in 1908, Ida Tarbell in 1912, and Dr. Samuel Crothers, noted preacher, in 1917. In 1932, Glenn Frank, then president of the University of Wisconsin, delivered what H. O. Hedrick, '91, terms the greatest commencement address in the college history. The members of the class of 1936 were privileged to have Henry Ford receive an honorary degree at their commencement.

The scene of the exercises has been shifted many times. College chapel served until 1900, when the old Armory, now called the gym annex, was used. In some years after 1910, a big-top tent was utilized for the exercises. Commencement was held in the new gymnasium from 1918 until the present site in Demonstration Hall was adopted.

H. E. Conference

The second annual Home Economics Alumni Conference will be held in the home economics building on Alumni Day, June 11. The conference, sponsored by Omicron Nu, national home economics society, will be open to all women interested in discussions of problems of household and family management. Two meetings will be held, one at 10:30 a. m. and the other at 2:30 p. m.

Let's Learn More About M. S. C.

By H. B. Dirks

Dean, Division of Engineering

Editor's Note: This is the second of a series of articles dealing with the six divisions of study at Michigan State college. The Division of Engineering is described in the following story. In the next issue of the Record an article on the Division of Home Economics will be published.

THE Engineering Division of Michigan State college, although not established as a division of the college until 1885, may be considered as having existed since 1859 when the Honorable John M. Gregory, who, at that time was Superintendent of Public Instruction, advocated a Department of Civil and Rural Engineering. In 1871 the studies included chemistry, mathematics, drawing, mechanics, and civil engineering, and it was no doubt due to this training that Frank F. Rogers who graduated in 1883 later became the most outstanding highway commissioner in the United States.

Another whose training in these early years later became prominent in engineering as the author of one of the most widely used text books in experimental engineering was Professor R. C. Carpenter, graduate of the class of 1873. It was Professor Carpenter also who in 1885 designed and erected the first mechanical engineering shop and class rooms. In the same year Professor Lewis McLouth of the State Normal school was elected to head the new division of Mechanical Engineering.

Another name connected with the early years of the division is that of Dr. W. F. Durand who served as head of the division from 1887 to 1891. It may be of interest to know that Dr. Durand is still active as an emeritus Professor of Mechanical Engineering at Leland Stanford university. Dr. Durand first stressed the need of a foundry in shop instruction and the present foundry with its cupola, brass furnaces and rotating electric furnace no doubt owes its existence to this early start.

Dr. Durand was followed by Professor L. P. Breckenridge in 1891 and by Professor C. L. Weil in 1893. The year 1891 also saw the coming of Professor H. C. Vedder as professor of mathematics and civil engineering. All of the early maps of the campus and the Many of his graduates hold prominent positions in engineering.

location of sewers and drains were the result of his efforts. It may be of interest to note that Professor Chase Newman who is still in the department of drawing and design came to the college at this same period.

The resignation of Professor Weil in 1906 brought to the college Professor G. W. Bissell, who, in addition to being professor of mechanical engineering, was the first dean of the newly created division of engineering. It was during the latter's incumbency that in 1924 the Engineering Experiment station which to date has issued 77 bulletins, and is at present engaged in 10 research problems was established. The work of the station, especially along the line of development of rural road construction, industrial waste disposal especially from creameries and beet sugar factories, and snow control on highways, has received nationwide attention.

The growth of the division was rapid. By 1890 there were 111 students, in 1900—226, in 1910—414, and in 1937— 755. The faculty has kept pace with this growth and now numbers 44, being distributed as follows: Civil 12, Chemical 5, Drawing and Design 9, Electrical 6, and Mechanical 12.

Although the department of chemical engineering was the latest to be formed



. . they learn the practical phases of engineering, outside the classroom.

it has now become the largest in numbers in the division. Under the supervision of Professor H. E. Publow, it is turning out some splendid graduates. They may be found in a great variety of concerns as the following partial list will testify:

L. S. Baker, '29, chemical engineer, E. I. Dupont de Nemours, Parlin, New Jersey; Harlan C. (*Turn to page* 18)

When The Woman's Building Was New—

By May Kyes Allen, '03

WERE sitting at dinner, such a dinner as only Alice Cimmer, '00, for 25 years head of the home economics department of the Battle Creek school system, could prepare. We hadn't seen each other for 35 years, but bound by common memories of our Alma Mater, we turned time back and were young again.

"I saw in the last *Record*," said Alice, "the Woman's Building is no longer a dormitory. How strange that seems! Remember the fall of 1900 when we moved in?"

"Do I remember? I should say I do. The building was then the last word in modern convenience, and we considered ourselves very fortunate to secure rooms there after Abbot Hall and The Terrace. But the floors were not yet laid in the halls, and we had to trail our long skirts through piles of mortar and debris, leaving clouds of dust behind us."

"But what a happy bunch we were as we sat in the alcove on the second floor, in our stiff shirtwaists, long skirts and enormous pompadors," Alice smiled. "Our greatest care in the world was the incredible slowness of the farm wagons in bringing our trunks from the railroad station."

"That was no small care," I protested. "The word trunk still gives me a nightmare. I came early that year to spend a day on the river at Grand Ledge, with three friends, before rules began."

"Rules were rules in those days," laughed Alice, "absolute quiet from 7 to 10 p. m., lights out at 10, two eleven o'clock parties a term. Think of it, and now they have a dating bureau!"

"Indeed they were! Well, I got there ahead of the rules and had my day at Grand Ledge. I remember I was wearing quite the latest thing in sport clothes, a short skirt (all of six inches from the floor), low-heeled, heavysoled oxfords and the inevitable shirtwaist. I shall never forget it. There were no dress shops then. I wore that same costume everywhere I went, for one solid week while waiting for my trunk. And all the while the first floor hall was heaped with trunks which belonged over at Wells." My hostess laughed heartily, "Yes I well remember. I only hope that some man over at Wells was suffering similar tortures."

"I am sure," I said firmly, "that no mere mixup in baggage could ever cause a man the humiliation that I suffered as night after night I was forced to wear that soiled shirtwaist and that short skirt to dinner.

"A ND what a scramble to get to dinner," mused Alice. "There was no elevator in the building and we climbed the stairs to the third floor three times a day besides taking our turn at table waiting. How the girls used to hate to sit at the Dean's table!"

"I can't forget the first time I sat at her table. It was on a Saturday and a little freshman asked permission to go down town that afternoon. Miss

Buell Broadcasts

The dream of every radio script writer and program director is to see his show "make the big time." On April 9, Don Buell, instructor in speech at M. S. C., wrote and directed the program that was presented by NBC via its "Farm and Home" hour. The program was sponsored by and built up around the activities of the Michigan Junior Farm Bureau.

Since last fall Mr. Buell has been in charge of writing and producing the Michigan Junior Farm Bureau program heard weekly over the college station WKAR. The success of this series prompted officials in charge of the "Farm and Home" hour to ask Mr. Buell to transfer his entire cast to Chicago for a guest appearance. A nationwide network carried the broadcast.

Besides his work on the Junior Farm Bureau show Mr. Buell is also known for his dialect comedy skits, presented regularly over WKAR. Keller graciously consented and asked the girl if she would get her some dental floss. 'Oh, with pleasure,' gushed the grateful freshman, 'what color do you want?' "

"Speaking of Dean Keller, do you remember our student council and house committees?" Alice asked. "I get a good laugh whenever I think of the time they appointed you to go to the cook and protest against his smoking. Do you remember him? He was a little man, who learned to cook in the navy. He lived in a room in the basement and every evening after the dinner was over, the aroma of his cigar would penetrate up our stairways and mingle with the odors of powder and perfume in the upper halls. And you refused to remonstrate with him-what an individualist you were! I thought they would surely have you on the carpet for that."

"INDEED, I do remember! After the meeting you urged me to go down and tell the Dean I would go down. You were a post-graduate that year, Alice, and you knew, while I was a sophomore and only thought I knew. But I still don't see why the poor man shouldn't have been permitted to smoke perfectly good cigars—they were tencent ones, I'm sure—in his own room. Anyway Miss Crow saved me. She went. I never knew what she said to him, but the little cook continued to smoke. How customs have changed!"

Alice rose and brought in the dessert, delicious ice topped with hot chocolate syrup and nuts, just as we used to have at Sunday dinner when the Woman's Building was new.

"The house organization was pretty simple in those days," she said. "The Dean, the head of the home economics department, her assistants, and the physical education instructor, all lived right there with us. They slept in rooms adjoining the fire escapes so that late loiterers on the campus would not find it so simple to arrange with their friends to leave the window unlatched. That just about took care of the discipline problem."

4

"Oh, was that the system?" I exclaimed, "I, in my (Turn to page 23)

. .



Most beautiful building on the University of Missouri campus was named for Dean F. B. Mumford, '91, inset, who retires next September.

Mumford, '91

By Laura Tell, '38

FORTY-THREE years is a long time in any man's language, and when it is given over to outstanding service, it is especially worthy of recognition. It is for those 43 years, 29 of which were spent in directing the University of Missouri college of Agriculture and the Missouri Agricultural Experiment station, that the COLLEGE FARMER honors Frederick B. Mumford, '91, who is retiring next September as dean of the Missouri college of Agriculture. The COLLEGE FARMER is a magazine published by the University of Missouri students.

After spending three years at Albion college, he entered Michigan Agricultural college, as it was then called, in 1890 and received a bachelor of science degree. Upon his graduation he returned to his father's 400-acre farm near Moscow, Michigan, which he managed for a short time. Two years later he was appointed assistant professor of agriculture at his alma mater. It was during his assistant professorship that he obtained his master's degree.

His first winter at Michigan Agricultural college he travelled a good deal, lecturing at farmers' institutes and various agricultural institutes in the state, where farmers met to learn new and improved methods of agricultural practice.

Dean Mumford remained in Michigan until 1895. During this time he taught courses in animal breeding, animal nutrition, soils and crops, livestock judging, and he also worked in conjunction with the experiment station. He had charge of field experiments dealing with farm crops. It was he who gave the first organized course in livestock judging in Michigan, and he planned one of the first large experiments in fattening sheep in the United States.

In 1895 he left Michigan to take a professorship in agriculture at the University of Missouri. In 1903 he was made acting dean and director of the experimental station in the absence of Dean H. G. Waters. Upon the return of Dean Waters, he was granted a year's leave of absence for study abroad. Returning to this country he was appointed professor of animal husbandry at the University of Missouri.

Upon the resignation of Dr. Waters, Mumford was appointed to the deanship in 1909. Prominent among his many services is the organization of the Agricultural Extension service in 1913, and the founding of the livestock breeding experiment station.

His work was not limited to the college and extension service. In 1917-18 he was appointed chairman of the Missouri Council of Defense; in the same years he was also Federal Food Administrator for Missouri; the next year he went to France as a delegate to the Mission Americaine de Rapprochement. In the years 1909-1935 Mumford was a member of the Missouri State Board. of Agriculture, and since 1920 has been a member of the executive committee of the American association of Land grant colleges and universities.

From 1913-1937 he was chairman of the committee on Projects and Correlation of Research of the Association of land grant colleges and universities. From 1913-1938 he was a member of the Missouri Relief and Reconstruction committee, the Missouri State Planning board, and several other boards and committees.

Dean Mumford has written several magazine articles and various types of agricultural columns and letters. Sixty volumes dealing with phases of agricultural government publication, addresses, and articles will be turned over to the University of Missouri library upon his retiring.

He was honored by having his portrait hung in the Saddle and Sirloin gallery at Chicago in 1924. This gallery annually adds portraits of men prominent in European and American agriculture.

The Art World Magazine cited him as "a constructive thinker along the lines of animal breeding and livestock economics."

Professor Mumford's organization membership include fellowships in the American Association for the Advancement of Science, the American Society of Animal Production, the Missouri Academy of Science, Sigma Xi, Gamma Alpha, Alpha Zeta, Gamma Sigma Delta, Blue Key, Acacia fraternity, Mason, Patrons of Husbandry (Grange), Farm Bureau, and Rotary.

Bayha Memorial

Three years ago an alumnae fund was started as a memorial to Anna Bayha—as a memorial to her devotion to the home economics department, her untiring efforts in behalf of the students with whom she came in contact and the high professional standard which she maintained at all times.

About \$300 was contributed by her many friends, students and different organizations as the Lansing and East Lansing Alumnae associations, the College Home Economics club and Omicron Nu. This has been used to improve the appearance of the main hall in the home economics building with three attractive Old English benches and two chairs. A table was given by Mrs. James Boyd, a devoted friend. There is now about \$60 on hand which will be used for further furnishings for the hall.

The committee wishes to thank the alumnae and all friends for their generous contributions.

Secretary Wallace

Henry A. Wallace, United States Secretary of Agriculture, appeared on the M. S. C. campus, April 21, when he spoke before a group of faculty, alumni and students at the annual Spragg memorial banquet. His topic was "Corn breeding experience and its possible eventual effect upon the technique of livestock breeding."

He's 80

Liberty Hyde Bailey, '82, Says Life Has Been And Still Is A Great Adventure

By Magrieta Gunn, '39

ready for many new enterprises that lie before me, and life has been and still is a great adventure."

So wrote Liberty Hyde Bailey, '82, on his 80th birthday in response to a telegram of congratulations from President Robert S. Shaw on March 15. And these words typify the spirit of adventure and exploration that have made Dr. Bailey one of Michigan State's most distinguished alumni, the world renowned scietist, author, educator, and editor.

As world authority on horticulture and botany, Dr. Bailey has been called the modern Luther Burbank. More than this, he is considered the successor of Emerson, Thoreau, and Burroughs in the artistic expression of life. Since his retirement as dean of agriculture at Cornell university in 1913, Dr. Bailey has devoted himself to building up his extensive plant collection, one of the largest private herbariums in the country, besides writing over 50 books on cultivated plants and gardens, and editing over 50 more. Six of the books selected for the "List of Books for College Libraries"

by Charles P. Shaw were written by Liberty Hyde Bailey. Moreover, he is regarded as the foremost living author and

editor in the field of agricultural literature, and his Standard Cyclopedia of Horticulture, and the more recent Hortus, in which his daughter collaborated, are standard authorities for all who work with plants. As editor of the American Garden Magazine, from 1890 to 1803, and first editor of Country Life in America, Dr. Bailey has become known as "The garden's best friend."

Three years ago, this "least photographed man of prominence in America," as NEA termed him, turned over his famous Hortorium to Cornell university, and it is regarded as one of the most valuable scientific additions the university has ever acquired. The fact that a new name—Hortorium had to be coined to describe this complete and comprehensive collection of plants from all over the world is some indication of its unique importance.

With the help of his daughter, Ethel Zoe Bailey, he spent over 30 years making frequent trips to South and Central America, New Zealand and other far corners of the world for the purpose of collecting his rare specimens. This collection is all the more unique in that most botanical herbaria consist chiefly of wild flora, and pay little attention to the cultivated plants of the world.

From the time he was a boy, roaming the fields and woods near the shores of Lake Michigan near South Haven, Liberty Hyde Bailey devoted himself to the study of botany and horticulture. The Bailey apple orchard, with its 195 varieties of apples, owed part of its fame to the diligence of young "Lib," whose father encouraged him to get every odd kind of apple that could be found and add it to their orchard. This hobby started young Bailey on his way to horticultural fame.

At the age of 15 the young boy read an essay on birds before



"... I am now ready for many new enterprises."

the Michigan State Pomological Society in 1873. Included in this essay, which it is said, would have done credit to a college senior, was the first poem Bailey ever wrote.

After his graduation from Michigan State college, where he received his M.S. degree, Dr. Bailey gave up a promising and paying position as newspaper reporter at Springfield, Illinois, to become laboratory assistant, on a bare sustenance, to Dr. Asa Gray, eminent botanist at Harvard university.

Following two years of this he returned to Michigan State as professor of horticulture and landscape gardening. It was under his leadership that the old horticulture building, since used successively to house the economics department, liberal arts administrative offices, and now the psychology department, was constructed. It was also reported that many students took his courses just to hear him lecture, rather than for any special interest in his subject.

Three years later he was called to Cornell university as professor of horticulture, and in 1903 he became dean of agriculture. Fame had already recognized this promising scientist in 1898 when the royal Horticultural Society of London awarded him the Veitchian medal.

In 1908 President Roosevelt appointed him chairman of the Country Life Commission, of which the President later wrote: "I regard that as on the whole the most important commission that I have appointed during my term as President, with one exception. I doubt if I should have undertaken to appoint the commission if I had not been able to get Director Bailey for its head, and no man in our country did better work for our country than he did on the commission."

East Lansing, too, has paid tribute to this noted educator, whose favorite instruction is "Study Nature — not books." Each year, pupils in the Liberty Hyde Bailey school study the achievements of their benefactor and write papers on his life.

Dr. Bailey is an honorary member of leading foreign botanical organizations, including Royal Horticultural Society of London, Horticultural Society of Norway, Japanese Agricultural Society, Horticultural Society of Japan, Chinese Society of Horticultural Science, and is also corresponding member of the Royal Academy of Agriculture, Turin, Italy.

Moreover, he is past president of the American Association for the Advancement of Science, a member of the American Association for the National Academy of Science, American Philosophical Society, and Botanical Society of America. His fraternity affiliations include Sigma Xi and Phi Delta Theta, having been initiated into the latter at Michigan State college 61 years ago.

Besides his two degrees from his alma mater, Dr. Bailey holds LL.D. from the University of Wisconsin and Alfred university and Litt. D. from the University of Vermont. Numerous medals and awards include the George Robert White medal, the gold medal of the National Institute of Social Sciences, grande medaille Societe Nationale d'Acclimation de France, and the Distinguished Service Award, besides many others.

Years ago, when he was a student on this campus, Professor William J. Beal said of him, "Meet a real genius." The same, and more, can still be said of Liberty Hyde Bailey.

Poultry Station

To Be Built Here

The U. S. Department of Agriculture has accepted 50 acres of college land, donated by M. S. C., as the site for a new federal poultry research and experiment station. Several sites at land grant colleges in the Middle West and East were inspected before the plant was located here.

Construction costs of the proposed laboratory, totaling \$85,000, will be paid by the Federal government. An additional \$100,000 will be appropriated later for operating expenses and for additional buildings, Federal representatives announced.

Twenty-two states will cooperate in the poultry research to be conducted by the Department of Agriculture at the station. Each of the 22 states will be represented on the station's board of directors.

COLLEGE RECORD

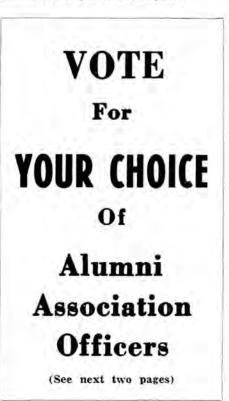
Following Alumni Clubs

By Glen O. Stewart, '17

Washington, D. C.

Coach Charley Bachman, making his initial appearance in the Capital City, was the honored guest of the M. S. C. Alumni club of Washington, D. C., February 21. More than 85 guests attended the event at "2400 Sixteenth Street," at which President Lafayette C. Carey, '13, presided. He recognized guests from Maryland and Pennsylvania and spoke graciously of many old grads in the club.

Responses were made by Dr. C. B. Smith, '94, C. P. Close, '95, Henry Thurtell, '88, and Lyster H. Dewey, '88, Earl C. Sanford, '12, spoke briefly about his work at the National Agricultural Research Station, at Beltsville, Md.



Ray Turner, '09, former 4-H leader of Michigan, introduced Coach Bachman who told of the growth of the college, its needs and problems. He closed his part of the program with movies of the Michigan and Carnegie Tech games of last fall. Officers elected for the following year were: Mrs. F. T. (Blanche Clark) Lewton, w'12, president; George P. Phillips, '22, vice president; John T. Sinclair, '33, secretary-treasurer.

Flint

More than 75 alumni and guests of

District 13 gathered at the Elks temple in Flint for their annual meeting on February 23. Following the dinner, a half hour of magic and college songs left the group in good humor to listen to four interesting talks by college guests. These included Don Bremer, head of the police training course, L. L. Frimodig, assistant director of athletics, Dr. Irma Gross, professor of home management, and Glen O. Stewart, alumni secretary and director of student aid.

The club elected by ballot a board of directors and at the close of the meeting the board organized as follows: Lewis Snider, '29, district governor; Andrew Korney, '34, lieutenant governor; Jean E. Paul, '36, secretary-treasurer. Besides the above officers the following directors were appointed for one year: A. Sheldon, '25, Hazel Mundy Burke, '15, Louella Wilder Harris, '16, for two years, Lewis Snider, '29, Andrew Korney, '34, Guy Stonebreaker, '34, for three years, Ruth Simmons James, '28, Harold Schoonover, '26 and Jean Paul, '36.

Battle Creek

The alumni of District 9, including Branch and Calhoun counties, had three college guests at their annual dinner meeting held in the Kellogg hotel, in Battle Creek, February 17. Mrs. Merle Byers, associate professor of home economics education, Dr. Fred T. Mitchell, dean of men, and Glen O. Stewart, alumni secretary, were the campus emmissaries.

Each guest spoke briefly on interesting phases of his work and stressed the importance of alumni keeping in touch with the progress of the college. Officers of the district for the coming year include: Sam Galbraith, '24, Battle Creek, district governor; Walter Foster, '22, Marshall, lieutenant governor of Calhoun county; Gordon Schlubatis, '24, lieutenant governor of Branch county; Robert Stoll, '36, Battle Creek, secretary-treasurer.

Cleveland

Although the Cleveland, Ohio, club was unable to have President Shaw as its honored guest as anticipated, a large group met April 2. The program was in charge of the retiring president, Roy La Du, '09. Several undergraduates, home for spring vacation, told about college life. (Turn to page 17)

Alumni Day, June 11

SATURDAY, June 11, is Alumni Daya gala day for reunions, a day of reminiscing for the old grads of the college. Every graduuate and former student are cordially invited to return to the campus whether or not their class be one scheduled for an official reunion.

As usual the activities of the day start off with registration in the lobby of the Union. The annual golf tournament at Walnut Hills country club will see more than 50 men paired off by L. L. Frimodig, '17, for the usual battle, starting any time after 8 a. m.

The Patriarchs' dinner, sponsored by President Shaw and the State Board, will be held in the Union and will be attended by all alumni out 50 years or more. The class of 1888 will be the honored group. Other class reunions will be held in all parts of the Union during the noon hour, and class pictures will be taken on the lawn immediately following the luncheons.

The alumni vs. varsity tennis meet and the baseball game will make an interesting afternoon for all sport fans. The colorful Sunset Supper, limited to 500 people, will again be held in the Union. "Dusty" Miller, nationally known humorist of Wilmington, Ohio, will be the only speaker, and this event will give everyone ample opportunity to see old classmates or visit with former faculty members. Some folks will want to see the Water Carnival, repeated from Friday night, although many will prefer to return to the Union at 9 p. m. to attend the annual alumni dance.

Under the Quinquennial Reunion plan the following classes are scheduled to return:

Patriarchs' Club—all classes prior to 1888, class of 1888, class of 1893, class of 1898, class of 1903, class of 1908, class of 1913, class of 1918, class of 1923, class of 1928, class of 1933.

Booklet

Student expenses average from \$374.80 to \$524.80 for men and from \$450.80 to \$546.80 for women for the school year at Michigan State college, according to a new college publication, "Beside the Winding Cedar," now being mailed to high school seniors.

High school students throughout the state will receive copies of the 32-page booklet, which contains information on costs, courses and dormitory housing. FOLLOWING the rules of the constitution of the M. S. C. Association, Alumni President, Earle Hotchin, at the January meeting of the executive committee, entrusted to a committee of three past presidents the selection of two candidates for each of the offices to be filled in June.

The committee, headed by Ellis Ranney, '00, of Greenville, Michigan, selected nominees described below. Select the candidate you believe best fitted for the office—mark your ballot, clip, and mail it at once to Glen O. Stewart, alumni secretary, Box 551, East Lansing, Mich. The ballot must arrive at the alumni office on or before June 10.

"Carp" Julian-For President

George "Carp" Julian, '15, a graduate of the division of agriculture, became well known as an undergraduate, when he played fullback on John Farrell Macklin's famous Michigan Aggie teams. In 1913 he was named on Walter Eckersall's All-American eleven and the following year was honored by being selected as captain of the M. A. C. team.

Following graduation he became associated with the Superior Printing and Engraving company of Akron, Ohio. He later played professional football for a time before turning his attentions to a position with the State Department of Agriculture and then the Auditor General's Department of the State of Michigan. In recent years he has been with the personnel division of the Olds Motor Works in Lansing.

"Carp" was an organizer and charter member of the Alumni Varsity club, and is one of the alumni representatives on the Athletic Council at present. During the past two years he has served as first vice president of the Alumni association.



George "Carp" Julian

Choose Your

As A Guide Here Are Thumbnail S Graduates Who Have B Offices Of The A

W. H. Taylor-

For President

William H. Taylor, '23, entered the agricultural division in the fall of 1919, and few men have been more active in undergraduate life than was Bill during his four years on the campus. He was editor of the State News (then Holcad), colonel in the R. O. T. C., and a member of Excalibur, Alpha Zeta, Scabbard and Blade, Ag Club, Officers Club, Wolverine staff, and J-Hop committee.

Since graduation Bill has spent one year as a student at Harvard university, receiving his master's degree in education in 1927. He has served as superintendent of schools in Honor, Okemos, and Walled Lake, and is now completing his third year at Lake Odessa. Bill has served the Alumni association the past two years as second vice president, and is a loyal promoter of reunions for the class of 1923.

A. L. Bibbins-

For First Vice President

A. Leal Bibbins was graduated in 1915 with a record of activities that made him one of the best known undergraduates of his time—his record as an athlete is still unsurpassed.

For a short time after graduation ie was an instructor in the farm crops department, but entered military service in 1917. He served overseas and returned to the college in 1919. He became manager of the seed department of the Cooperative G. L. F. Mills in Syracuse, New York, in 1922, and a few years later was transferred to the main office in Buffalo where he was made vice president.

In 1937 he was advanced to the presidency of the organization. "Bib" is a booster for M. S. C. and takes considerable pride in finding outstanding students and encouraging them to enter State.

V. C. Taggart—

For First Vice President

Van C. Taggart, '16, participated in a variety of campus activities as a student, and went to work for the California Fruit Growers exchange in Chicago shortly after graduation.

fficers Today

ches Of Ten Active Michigan State Nominated For Five mni Association

> With time out for brief military service he returned to Chicago where he affiliated with the Fry Brokerage company, shippers' agents and distributors of fruit and vegetable products. Later he became owner and manager of this concern which is now known as the Fry Distributing company.

Van can always be depended upon when any boosting for State needs to be done, and he is constantly on the lookout for promising high school students.

Norma Skinner-

For Second Vice President

Norma Searing Skinner, w'02, is a successful business woman of Indianapolis. As president of Skinner's Inc., she is the active manager of an exclusive ladies' shoe store at 35 Monument Circle in the Hoosier capital city, where a neat sign states that Vitality and Florsheim shoes for women are the featured numbers.

Mrs. Skinner is also interested in travel and has been associated with the Guild Travel bureau of Indianapolis, conducting summer tourist parties. She is the wife of Oramel H. Skinner, '02, and the mother of three sons. She is an active member of the M. S. C. Alumni club of Indiana.

R. A. Turner-

For Second Vice President

Ray A. Turner taught agriculture in the high schools in Hillsdale for several years following his graduation from the college in 1909. During the last three years in that city he also served as county leader of boys and girls clubs.

Beginning his rise to national prominence in the extension field, he served as state 4-H club leader with the extension department at M. S. C. from 1918 to 1924, and was then placed in charge of this work in thirteen central states for the United States Department of Agriculture.

Ray has always maintained his interest in musical affairs and a few years ago became well known to radio audiences through his broadcasts with the United States Marine band. He has been active in alumni and civic affairs and has served as president of the Washington M. S. C. Alumni association.



William H. Taylor

R. R. Palmer-

For Treasurer

Russell R. Palmer, '22, returned to the college for graduate study and received his master of science degree in June, 1924. He joined the staff of the Detroit Department of Health and is now chief milk inspector. He has been active in M. S. C. affairs in Detroit for several years and is the present secretary of the alumni club in that city.

S. N. Galbraith-

For Treasurer

Samuel Neil Galbraith was graduated | from the college in 1924 and started | work immediately with the Bell Telephone company. He was first located | in the Lansing office, going to Ypsilanti, [and then to Holland where he became plant chief. From Holland he was transferred to Benton Harbor, then to [Battle Creek where he has been located since 1934. Sam is active in alumni club work, and at present is governor [for District 9, comprising Calhoun and Branch counties.

J. A. Hannah-

For Director

John A. Hannah became extension [1]] specialist in poultry for the college shortly after his graduation in 1923, and so distinguished himself nationally in [1] his chosen field that in 1933 he was elected to the chairmanship of the American delegation to the World's [Poultry congress in Rome. 1] Or

During the same year he was named president of the world's largest poultry organization, the International Baby Chick association. Early in 1934 he accepted a position with the federal government as field manager of the national hatchery coordination administration, a department organized under the AAA.

On January 1, 1935, he returned to the college to become secretary of the | State Board of Agriculture. John has |

always been active in alumni work, and at present is a member of the executive committee of the general association.

John Bos-

For Director

John Bos was graduated from the college in 1922 with a splendid record on the gridiron and basket ball court, and proceeded to put this training to work as athletic director at Grand Rapids Junior college. Last summer he was chosen by the Grand Rapids Board of Education to direct health, physical education, and public recreation in the schools of that city. John is an active worker in the M. S. C. Alumni club of Grand Rapids.

1938 Official Ballot

M. S. C. Association

Place check [V] in square, cut off along vertical dotted line and mail TODAY to: M. S. C. Association, Box 551, East Lansing, Michigan. Polls close on or BEFORE FRIDAY, June 10.

(Vote for one for each office)

PRESIDENT

- | | George "Carp" Julian, '15.
- [] William Taylor, '23.

FIRST VICE PRESIDENT

- [] A. L. Bibbins, '15.
- | | Van C. Taggart, '16.

SECOND VICE PRESIDENT

- | | Ray Turner, '09.
- [] Norma Searing Skinner, w'02.

TREASURER

- [[] S. N. Galbraith, '24.
- []] Russell Palmer, '22.

DIRECTOR (3-Year Term)

- 1 John Bos, '22.
- [] John Hannah, '23.

ALUMNI REPRESENTATIVE

On Athletic Council (2-Year Term)

| | De Gay Ernst, '22.

| Signed

Address

Your name is necessary to give authority to this ballot. Signature will be torn off as soon as checked.

(Signed:) GLEN O. STEWART, Secretary M. S. C. Association.

. . . Soloist

Beatrice Brody,'32, was awarded an audition by the Metropolitan Opera company, of New York, as one of 50 singers selected out of hundreds who applied from all over the country.

Miss Brody, formerly a pupil of Fred Patton, head of the voice department, has been studying on a fellowship at the Julliard school of music in New York City. She was the first Michigan State student ever to be granted a fellowship at the Julliard school.

. . . Elections

Partly drawn by the novelty of using voting machines, loaned by the Lansing city council, about 1,400 students turned out to vote during the college elections held recently.

The new junior heads of campus organizations are: George Ann Shaw, Torch Lake, Associated Women Students; Sue Blackney, Y. W. C. A.; Gertrude Brummelhoff, Grand Rapids, Spartan Women's League; Gertrude Sidebotham, East Jordan, Home Economics club.

The junior class elected William Carpenter, Lansing, William Hasselbach, Corunna, and Hugh Tolford, Hudson, as student council representatives. In the sophomore elections, Lyle Rockenbach, Crystal Lake, Illinois, and Dick Nahstoll, East Lansing, were chosen for student council. Charles Leighton, East Lansing, will represent the Ireshman class on the student council.

In an election of freshman class officers, Avery Cameron, East Lansing, was elected president; Nancy Brown, Pontiac, vice president; Eleanor Cram, Pontiac, secretary; and Harry Jackson, Detroit, treasurer.

. . . Aviators

Michigan State students are taking to the air!

A college flying club has been organized and become affiliated with the National Intercollegiate flying club. Each member of the club will become a student member of the National Aeronautical association.

The club hopes to represent M. S. C. in air meets sponsored by the N. I. F. C. this spring and summer,

. . . Winners

As the two outstanding seniors in the agricultural and veterinary divisions, Earl J. Hodgkins, forestry senior from Wayne, was named winner of the agricultural division's annual scholarship plaque, and Bertil Krantz, Mears, senior soil major, was presented with the annual activity award.

Winding

By Guelda Pike, '38

. . . Scholarships

Chosen from over 300 candidates, Albert Sims, senior liberal arts student from Moosup, Connecticut, was recently named winner of one of the five scholarships in public administration offered by Syracuse university. The fellowship amounts to \$1,000 cash in addition to the waiving of two years' tuition.

Also selected for the University of Michigan's annual award of a scholarship to an outstanding Michigan State student, Sims chose the Syracuse offer.

Well known on campus as a twoletter winner in swimming, Sims is a member of Phi Kappa Phi, national scholastic honorary, Sigma Epsilon, local hotel honorary, and the Varsity club. He recently received a \$100 check at the Honors convocation for having earned the highest academic average, 2.86, of all senior men for his first three years.

. . . "Fairyland"

"A Night in Fairyland" will be the theme of the water carnival to be presented on June 10 and 11. The theme was suggested by Leora Horning, Brooklyn senior, who was awarded the \$25 prize for originating the ideas for the 40 floats based on the well-known fairy tales of Grimm and Anderson.

. . . Convention

The largest student convention ever held at Michigan State college was that of the Association of Women Students which gathered here for its biennial central section convention. More than 35 colleges and universities were represented. Louise Langdon, Hubbardston, officiated as general chairman.

. . . Activity File

To aid Michigan State graduates in finding and securing positions after graduation, Blue Key, honorary fraternity, will maintain an activity file, listing all extra-curricular activities of men undergraduates. Prospective employers may refer to the file to learn the background of candidates for positions. Charles V. Gibbs, Washington, D. C., is in charge of the project.

. . . School Grades

The all-important scholastic grades, averaged for winter term, show the Alpha Gamma Rho fraternity out in front, with a 1.741 average. Farm-House took second, with a 1.702 mark, while Alpha Epsilon Pi came in third with 1.5.

All fraternities combined resulted in a 1.333 average which overshadowed the all-fraternity pledge compilation of 1.173.

. . . Employment

The Union cafeteria, besides furnishing splendid meals to students and faculty, is providing employment to over 100 students earning their meals through working in the cafeteria.

Eighty students are regular employees, working 19 hours a week in return for three meals a day and 35 cents an hour for extra time, while 28 to 44 other students serve at parties or banquets. The students supplement 30 fulltime employees.

. . . Leader

Jane Shaw, junior mathematics major from Torch Lake, will be chairman of the AWS freshman orientation system next year. The orientation system is unique in that no other college has a credit course entirely under student supervision. The system familiarizes freshman coeds with the campus, through lectures and discussions.

. . . Petitions

Students at State are directing the attention of the Michigan state legislature to the need of an auditorium on the campus.

Petitions, sponsored by leaders of campus organizations, have been circulated to obtain student signatures. Later they will be presented to the legislature. The tentative plans of the students call for a \$750,000 building, housing an auditorium, scating 5,000, and a theater, seating 1,000.

There is no building on the campus at present large enough to accommodate lecturers, concerts, plays, and other cultural activities.

Marriage Lectures

A new lecture series on marriage and its problems has been instituted at Michigan State college for the first time this spring. One hundred seventy-four women students are enrolled in the course, sponsored by Mortar Board, senior women's honorary group. Lectures for men are under the sponsorship of the Student Council.

Honored

General Electric Gives Distinguished Award To M. S. C. Graduate—S. B. Crary, '27

S. B. Crary, '27, was one of 40 employees cited recently by the General Electric company for outstanding accomplishments in that company's service during 1937. Mr. Crary, who is an electrical engineer in the Central Station department at the G-E Schenectady, New York plant, received a cash honorarium and a framed certificate bearing this citation:

"In recognition of exceptional ability and persistence, in collaboration with A. H. Lauder and D. R. Shoults, in establishing a complete and comprehensive understanding of the factors affecting the pull-in characteristics of synchronous motors, and a definite mathematical basis for designing motors and their control to attain maximum pull-in torque at reasonable cost."

The G-E citations, of which Mr. Crary's is an example, are provided by the Charles A. Coffin Foundation. This foundation, which originated in 1922, was instituted in honor of Charles A. Coffin, organizer and first president of the General Electric company. It is the purpose of the foundation to provide annual recognition to those selected employees whose qualities and accomplishments best reflect the initiative, perseverance, courage, and foresight of Mr. Coffin. The foundation and the winners of its awards are a tribute to his outstanding work of placing the achievements of engineers and research scientists at the everyday service of the world.

Mr. Crary, Michigan State college's representative in the ranks of this year's winners of the award, worked for the Board of Water and Electric Light commission, Lansing, Michigan, after his graduation. In 1927 he joined the General Electric as a student engineer in the Testing department. A year later he was transferred to General Electric's Fort Wayne plant as an electrical engineer in the Transformer Engineering department. In 1929 he returned to Schenectady to the department he is now in.

Since the awards were started in 1923, 492 G-E employees have been so honored.

Beauty In The Earth

(Continued from page 4)

comers from Borneao, Sarawak, Siberia, or Ecuador. If they survive they stand a good chance of being planted in the gardens themselves, where once again they must be carefully watched.

With an eye on future utility, the research greenhouse is introducing what biologists know as "economic plants." Wandering down the steaming greenhouse aisles in a temperature of around 85 degrees you will see vanilla plants which will flower in June, then produce their big crescent-shaped seed pods; coffee plants from Costa Rica; loquats, a Florida fruit tree little known in Michigan, date palms, and South America's caryota palm from which the South American natives made their wine long before the caravels of Pizzaro touched the shores of golden Peru.

In addition to the "economic plants," tropical flowers are raised in profusion. A cypripedium — Bornean moccasin flower—such as any lady might yearn to have adorn her evening gown, rears its lovely head, its startling rich brown markings catching the eye. Nearby is the Allamanda from South America, in brilliant saffron-yellow flower. Looking closely, you observe the plant is also bearing fruit.

* *

Suddenly, in the midst of this towering tropical jungle, you are transplanted into some natural garden of the pastbefore there was a man to shape a garden on this earth. Rising out of the dark green forest around you is a plant familiar to the earlier vertebrates which preceded the mighty saurians a hundred million years ago-the sago palm belonging to the oldest group of plants, fossilized remains of which have been found deep in the earth. It is a plant which should have vanished millions of years ago, and it looks out of place even among these outre hot-country specimens from many lands.

Moving away from this section of the greenhouse, Mr. Chapman takes you into the "Flower House," a portion devoted entirely to plants which flower during the winter months. Here you will find cinerarias, primulas, pelagonium, and cyclamen such as once dressed the dinner tables of Darius of Persia. The Flower House is open at all times to the public, and here your flower lover comes in January and in February when spring in Michigan seems far away, indeed. Many plants are still in bloom here, and in one corner jasmine from Africa's Gold Coast lends a rich, heavy fragrance to the room.

Experiments are carried on with scores of flowering plants in the Flower House every year. Seeds are started in small flower pots; those that survive are replanted in larger pots progressively, and finally out-of-doors if their hardiness warrants.

And so, gradually, the "garden spot of Michigan" adds to its 3,000-odd varieties of domestic and foreign plants, becoming a botanic magnet for scientist and layman alike.

Spring Sports In Review

By George Alderton

 $T^{\rm HERE}$ is no recession in the athletic department this spring. If the teams can finish as they have started, there is every prospect that Michigan State college teams will have their most successful spring season in history. In all of the five sports in which intercollegiate competition is held there appears to be a winner coming up.

Baseball

Coach John Kobs took his baseball team on an all-conquering tour of Dixie by way of tuning up for the home schedule. Kobs came up with a pair of sophomore pitchers in Glenn Rankin, of Detroit, and J. Ray Dahlstrom, of Chicago, who handcuffed the southern college batsmen. Each won two games as the team swept through a sevengame schedule without a defeat. Two games were rained out.

A veteran infield, featuring that great double-play combination of last year, Captain Harper Scott at second base and Gene Ciolek on shortstop, proved to be the heart of the winning team. LeRoy Schiefler was on third and Sam Nuznov back at first base. Only one outfield berth troubled Coach Kobs He had John Kuk in center and Allen Diebold in right from last year's team, while Clyde (Red) Randall put on the catcher's equipment, Arthur Libbers, lone pitching veteran, won a game in the south and pleasing improvement was shown by George Monroe and Orland Sines, reserve pitchers last year. The team has the best pitching staff in Coach Kobs' 14-year reign as coach. All are right handers.

Scores of the southern trip were:

Sec. And Sec.	
State	Opponents
2	
8-12	University of Georgia
6	. Newberry College 4
10	University South Carolina4
4	West Virginia 2
4	Ohio University1

State came back to drop the opening home series with Wisconsin when the hitters suddenly lost the combination. Wisconsin won two games, 2-1, and 1-0, but made only three hits off Libbers Captain Scott Directs This Season's Baseball Nine



the first day and two off Rankin the second game. The Spartans bounced back to beat Michigan Normal, 5-3.

Track

Coach Ralph H. Young took the track team east during spring vacation and beat Pittsburgh out of first place in the West Virginia Relays, 45 to 30½; defeated University of Maryland, 75-51, in a dual meet and also whipped Penn State, 75-51, on the way home. The opening home meet saw the Spartans win from Purdue, 87-44. At the Kansas Relays State won the 880-yard sprint relay, and of the 13 men who made the trip none came home with worse than a second place.

The team stars are Harvey Woodstra, who equalled world records at both 60 and 70 yards over the high sticks indoors last winter, and who did :14.3 in the Purdue meet; Wilbur Greer, who was undefeated in the 100-yard dash this year until he placed second at Kansas; and Lodo Habrle, a consistent 13-foot pole vaulter. Captain Ken Waite heads a well balanced squad of distance runners. The team should win the state meet easily.

Tennis

Coach C. D. Ball's tennis team, featuring sophomores this year, won its first three meets from Kalamazoo college, Toledo U. and Ohio State. Incidentally, the tennis team's record is one of the best on the campus. In the last six years the team has won 84 per cent of its meets and most of these have been with the fastest competition in the middle west. The boys have won 15 out of their last 16 meets. Herman Struck, Flint sophomore, is the team's leadoff man, but balance counts for more than individual brilliance in the combination.

Golf

The golf team is the best ever. Ed Flowers heads the team and has with him Tom Brand and Roy Nelson from last year's team, plus Warren (Bud) Tansey, a sophomore. This spring the golf team defeated the University of Michigan for the first time in history, $11\frac{1}{2}$ to $6\frac{1}{2}$, with Brand shooting a medal of 70.

Polo

Polo is away to a fast start. Matches are scheduled virtually every Friday and Saturday night in Demonstration hall. The Spartan trio rode to a prized victory over Culver Military academy in the first real test. Manuel Arteaga, the versatile athlete from Cuba, is a star member of the team.

Football

And on top of all this spring football outlook is quite satisfactory. Coach Charley Bachman is not sure he has another winner coming up but the record number of 153 candidates makes him smile broadly. Average daily turnout has been 60. The coaching staff seems to be solving its problems. Windup of the practice comes Saturday afternoon, May 14, with a regulation game in the stadium.

Following **Alumni Clubs**

(Continued from page 11)

Officers elected for the following year include: Verne L. Harris, '21, president; William E. Hartman, Jr., '33, vice presi-dent; Mrs. Amy Pearsol, '17, secretary, and Mrs. P. O. Fleming, '19, treasurer. New alumni in the Cleveland area are asked to write Mrs. Pearsol, The Sovereign hotel, so they may receive future notices of this active group.

Chicago

Largely through the efforts of Van C. Taggart '16, and an able committee, the Chicago M. S. C. Alumni club set a new record in attendance and enthusiasm when more than 210 alumni and guests met in the Tower Room of the Stevens hotel, Saturday evening, April 2. The dinner-dance program was the most successful event sponsored by the club in many years and a new era in alumni interest has resulted.

Coach Charles Bachman was feted as the guest speaker. He told of the Orange Bowl game, his experience with the fine athletes of M. S. C., and the rapid development of the college in many fields outside of athletics. Many varsity men and undergraduates, home for the spring vacation period, were present as well as a large number of prospective students who came as guests of alumni. Mr. Stewart accompanied Coach Bachman to the meeting and informally helped to recall old collegiate memories for the grads of yesteryear.

Officers elected for the following year include: Art Mooney, '18, president; James Hayden, '30, vice president, and Lerry Lage, '31, secretary-treasurer. On April 12, Professor F. R. Theroux, of the civil engineering department, and 12 seniors were entertained at a complimentary luncheon by the Chicago alumni group, with Van Taggart, '16, E. A. Armstrong, '11, and George Gallis, '35, giving interesting talks about their line of business.

Kalamazoo

Seventy-five guests gathered at the Columbia hotel in Kalamazoo on March 16 for the District 6 meeting and to hear Coach Bachman tell of his experiences at the Orange Bowl game. Also on the program were Dr. E. D. Brooks, '76, Kalamazoo's only living member of his class, Ferris Oswald, '29, Vicksburg, toastmaster, and Glen Stewart, who encouraged the building of a larger scholarship fund.

Carl Haradine, '32, Kalamazoo, will continue as district governor and Arthur Weinland, '31, Vicksburg, as secretarytreasurer.

Berrien Springs

Coach Bachman and Alumni Secretary Stewart concluded a two-day tour of southwestern Michigan when they met with 90 alumni at Berrien Springs high school on March 17. Arthur Eidson, '12, retiring district governor, presided at a program of moving pictures and talks.

Officers for the coming year are: R. H. Weine, '25, Berrien Springs, district governor: Gus Thorpe, '23, Benton Harbor, lieutenant-governor of Berrien county; R. F. Bittner, '35, Cassopolis, lieutenant-governor of Cass county; and Earl Steimle, '32, Benton Harbor, secretary-treasurer.

Indiana

The two oldest members of the M. S. C. alumni club of Indiana, Prof. James Troop, '78, of Purdue university, and James A. Dart, '85, New Augusta, Ind., attended the meeting in Marrott hotel, Indianapolis, April 9. Joseph F. Ryan, '18, president, presided.

On April 8, Mr. Stewart spoke in the Arcadia high school to 500 high school seniors and their parents. Dr. Roy C. Fisher, '95, Arcadia, was chairman.

Milwankee

Following the annual basketball game of M. S. C. and Marquette university,



Harvey Woodstra is the best hurdler Michigan State college has had since DeGay Ernst, '22, was clipping the timbers for the Spartans. It's a co-incidence that both hail from Grand Rapids. Last winter Woodstra tied world's records at both 60 and 70 yards over the high hurdles. His times were :07.4 and :08.6, respectively. Woodstra is tall, slim and ideally built for the timbertopping. The camera man caught him in his first spring workout. He's an Olympic team prospect for 1940, Coach Young says.

the Milwaukee alumni met with Secretary Stewart for a late evening meeting on February 19. "Bill" Sparling, '28, retiring president, presided at the election of the following officers: Frank J. Sorauf, '24, president; A. R. Carlson, '21, vice president: and E. G. Amos, '15, secretary-treasurer. Secretary Amos is anxious to have all newcomers in the Milwaukee area on his mailing list. His address is 4147 N. Farwell avenue.

Alumni Music Club

At the annual meeting of the Michigan State College Music association held in East Lansing on May 7, Mrs. Marshall Houghton, '31, assumed her new duties as president of the organization. She also served as toastmistress at the banquet and alumni program.

Main speaker was Prof. A. A. Applegate, head of the publications department. Keith Stein, a member of the music department faculty, acted as general chairman.

The Michigan State College Music association, organized a year ago, is composed of alumni and faculty of the music department. Applications for membership are being filed steadily from among the 150 graduates comprising the music department alumni.

Summer School

A new course in traffic efficiency and automobile operation will be one of the 300 or more courses comprising the curriculum of the 1938 Michigan State college summer school session, opening on June 20 and extending until July 29.

Harold Haun, '30, chief of the combined East Lansing and college police, will have charge of instruction of the new subject designed to prepare high school teachers for teaching similar courses.

One hundred-fifty instructors will handle the 1938 summer session instruction. Following the close of the regular summer school, a post session will be held from August 1 to 29.

Baseball Schedule

For the rest of the season you can see the Spartans in action on any of the following dates:

May 14-Armour Tech, here.

- May 21-Michigan Normal, at Ypsilanti.
- May 24-Notre Dame, at South Bend.
- May 26-California, here,

May 28-Toledo U., here.

- May 30-Michigan, here.
- June 3 and 4-Ohio State, here.
- June 7-Western State Teachers, at Kalamazoo.

June 11-Western State Teachers, here.

Program On NBC Chain

MICHIGAN State college, introduced to a nationwide radio network audience via the "Varsity Show" program last fall, has once more been featured in a coast-to-coast broadcast. On April 20 the college presented a full hour show for the National Broadcasting company's "Farm and Home Hour."

> St. Joseph's Hospital Phoenix, Arizona April 20, 1938

President of Michigan State College East Lansing, Michigan, Dear Sir:

The above letterhead will introduce and identify me: I happen to be a bed-patient of St. Joseph's Hospital this city. Listened in on your program this morning besides being very instructive and enlightening it was beautiful and artistic-true to the colors of Michigan. My hearty congratulations . . . 1 am proud of My Michigan.

Sincerely, A. J. REZEK. St. Louis, Missouri

April 21, 1938

Dear Mr. Shaw:

Only inadequately can I express to you my appreciation and interest in your splendid "Furm and Home" broadcast of April 20.

Your program came through magnificently and hearing of your years of accomplishment makes one glad to be alive. Congratulations to all who participated—not alone in this celebration—but to all who have contributed through the years to so splendid a record. Your state must be proud. I hope you pardon this intension but I was simply thrilled by your accomplishments.

Sincerely, MILDRED HAYES, Branch Librarian.

> Soil Conservation Service Williamsport, Pennsylvania April 20, 1938

Dear President Shaw:

Old Michigan State scored another victory here in Pennsylvania today (since it beat Temple last fall). Congratulations on the fine radio presentation on the forward march of agriculture. I couldn't help but think back with a great deal of satisfaction that we had at home in Van Buren county one of those first acres of alfalfa in the state of Michigan. Reminded me of my four years in the M. S. C. band, too.

Respectfully, JOHN T. BREGGER, '17.

Emanating from the ballroom of the Union building on the campus, the broadcast was carried by 61 stations of the NBC-Blue network. The college station, WKAR, was connected with NBC for the special broadcast.

The theme of the program was "How a Land Grant College Keeps Up With Changing Conditions." Historical sketches depicted the founding of the college and several important discoveries and developments, such as the first use of spray as insecticides for fruit trees, plant breeding, development of Rosen rye, use of vaccine as treatment for undulant fever, and the campaign leading to growing of one million acres of alfalfa in Michigan.

Another episode dramatized how Michigan State college has through its service branches kept pace with modern demands of agriculturalists, business men, homemakers and others.

Featured musical organizations on the program included the R. O. T. C. band, men's glee club and the Stulberg instrumental trio, noted for its broadcasts over the college station, WKAR.

Eighty-seven different characters were portrayed, with all roles being taken by members of the faculty and student body. President Robert Shaw concluded the broadcast with a brief summary of Michigan State college activities.

The committee in charge of the nationwide broadcast included R. J. Coleman, director of station WKAR; E. L. Anthony, dean of agriculture; V. R. Gardner, director of the experiment station: R. J. Baldwin, director of the extension service; Donald Hayworth, head of the department of speech, and L. L. Richards, head of the department of music.

Let's Learn More About M. S. C.

(Continued from page 7)

Bogie, '25, chemical engineer, Sherwin-Williams Paint Co., Chicago, Illinois; L. B. Grant, '22, Dow Chemical Co., chemical engineering, Midland, Michigan; H. N. Mills, '20, chief chemical engineer, Tennessee Corp., Cincinnati, Ohio; R. C. Sweeney, '19, district sanitary engineer, N. Y. Department of Health, Albany; W. R. Wilson, '22, chemical engineer, Atlantic City Gas Co., Atlantic City, N. J.

The electrical department, now under the direction of Professor L. S. Foltz, was started in 1916, and has a long list of successful graduates. Its graduates may be judged from the following brief list:

S. B. Crary, '27, Central Station Department of General Electric Company, who recently won the Coffin Award for meritorious work in electrical investigation; S. Dean, '14, Chief Assistant Superintendent of Electrical System of the Detroit Edison company; J. Sam Hartt, '15, consulting engineer, Madison, Wisconsin, an authority on Diesel electric power plants and valuation of public utilities; D. M. Pierson, '14, research and development, Air Temperature Division of the Chrysler company; M. J. Quirk, '23, electrical engineer, Ford Motor Co., Dearborn, Michigan; R. D. Wyckoff, '20, research engineer, Gulf Oil Co.

The civil engineering department since the resignation of Professor Vedder in 1926 has been directed by Professor C, L. Allen. Its graduates have had a major hand in the development of highways in Michigan, but are also found in all the fields in which the civil engineer is interested. Among its graduates are the following:

G. C. Dillman, '13, president, Michigan College of Mining and Technology, and formerly State Highway commissioner; A. H. Cameron, '06, plant manager, American Bridge Co.; H. Hunt, '05, president, Fargo Engineering Co.; W. J. Kingscott, '06, Superintendent of State Parks; J. R. Lambert, '06, chief engineer, Phoenix Bridge Co.; Otto Hess, '16, superintendent, Kent County Road Commission; L. C. Smith, '09, superintendent, Wayne County Road Commission; Burr Wheeler, '03, general manager, Chile Exploration Co.

The Department of Mechanical Enginesring now in charge of Professor L. G. Miller is the oldest of the professional departments. Its graduates occupy positions of responsibility, and many of them have attained national reputation. Among them may be named:

Professor G. A. Goodenough '19, (deceased), formerly professor of Thermodynamics at Illinois university and an authority in this field; J. R. McColl, '90, (deceased), an authority of heating and ventilating; B. Anibal, '09, chief engineer, Pontiac Motors division, General Motors corporation; Frank Johnson, '95, chief engineer, Lincoln Division of Ford Motor Co.; H. T. Thomas, '01, retired, formerly chief engineer of Reo Motor Co.; W. G. Hildorf, '15, mstallurgical engineer, Timken Steel Co.; Lyman J. Briggs, '93, director United States Bureau of Standards; C. L. Ericson, '22, mechanical engineer, Lansing Electric Light and Water board.

The work of the Engineering Division has not been confined entirely to the curticula of the four departments described, but in late years short courses and conferences have brought from 50 to 175 men from various parts of the country to discuss problems pertaining to their particular industry.

Such conferences have been held for foundrymen in cooperation with the American Foundrymen's association, for those interested in heating, ventilating and air conditioning in cooperation with the Warm Air Furnace Manufacturers association, and for water and sewage works operators in cooperation with the State Board of Health and the Michigan Sewage Works Operators association,

Patriarchs

Reunion

Alumni Day, June 11

The Patriarchs will have their annual session of reminiscence on Alumni Day, and the golden anniversary class of '88 will be properly inducted into the group. Henry Haigh, '74, of Dearborn, honorary life president of the Alumni Association, will preside,

1888

A story in the December Record about J. J. Jakway, '86, brought an interesting letter from John C. Stafford, '88, who has been a neighbor of Mr. Jakway in Van Buren and Berrien counties (Michigan) for many years. Since his graduation with a degree of bachelor of science in agriculture, Mr. Stafford has been engaged in general farming.

He writes that his son, James Stafford, '16. attended classes under President Robert Shaw, who at that time was a professor of agriculture. Mr. Stafford's main concerns now are in operating his 800 acres of land and getting his two grandsons, J. M. Stafford, Jr., and Franklin Wild, seniors this year in Dowagiac and Lawrence high schools, respectively, started next fall at Michigan State. Mr. Stafford's daughter, Mrs. George Lawton, of Lawton, Michigan, was an M. S. C. graduate in 1920.

1890

Word has been received from Ralph W. Bristol. '34, of the death of his father, George F. Bristol, which occurred at the home in Detroit on February 4.

1893

45th Anniversary Reunion Alumni Day, June 11 1898

40th Anniversary Reunion Alumni Day, June 11

1903

35th Anniversary Reunion Alumni Day, June 11

Of course, you are planning to be with us for our 35th Reunion, June 11. We will be expecting you early Saturday morning and the committee will be at the Union building to welcome you. All highways, railroads and air lines lead this way. The sun porch off the ballroom has been set aside as '03 headquarters. Ask your friends to meet you there.

H. Ray Kingsley is a structural engineer for the War department, and he and Mrs. Kingsley (Mabel Downey, w'05) live in Washington, D. C., at 1314 Vermont N. W.

1906

Gordon A. Stuart, photographer, manages the Foster and Kleiser company at 1675 Eddy street, San Francisco, California.

1908

30th Anniversary Reunion Alumni Day, June 11

1913

Silver Anniversary Reunion Alumni Day, June 11

Frank M. Burr is located in Wilmington, Delaware, as a construction engineer for the du Pont company. His local address is 2132 Lancaster avenne.

Morris Knapp audits for Amick & Spicer of 2515 Barlum Tower, Detroit.

COLLEGE RECORD

Mirroring The Alumni World

By Gladys M. Franks, '27. Alumni Recorder

1914

Fred L. Granger is general manager of Producers' Service corporation, fruit distributors, of 2661 Lake street, Benton Harbor, Michigan.

Verne C. Pickford is engaged in the lemon packing business, as manager of the Seaboard Lemon association in Oxnard, California,

Carl E. Pinney is sales manager of the chemical by-products division of Sugar Beet Products company, of Saginaw, West Side, Michigan. Mr. Pinney called at the Alumni Office on March 15 while visiting on the campus.

David M. Purmell, head of the department of horticulture at National Farm school, Pennsylvania, owns a 230-acre fruit farm at Hopewell, New Jersey.

1915

W. W. Barron, state representative for the Joseph Harris Seed company of Coldwater, New York, and Mrs. Barron (Mabel Tussing, '14) are living at 642 Evergreen, East Lansing,

Kris P. and Hazel (Warren, w'16)Bemis are living at 4306 37th St., N.W., Washington, D. C. Mr. Bemis is a special sales representative for the Cleveland Tractor company of Cleveland, Ohio,

Major William H. Kasten may be reached at the Army Industrial college in Washington, D. C.

1916

H. Hewitt Miller is now located in San Diego, California, at 3402 Louisiana street.

1917

Ralph W. Meanwell owns and manages the Burton Walk-Over shoe store in Ann Arbor. Michigan.

Minton S. Nelson, vice president and general manager of the Wickes Boiler company, lives in Saginaw, Michigan, at 1924 Adams boulevard.

1918

20th Anniversary Reunion Alumni Day, June 11

James A. Venner is in the wholesale hay shipping business in East Lansing, where he lives at 1041 Chesterfield parkway.

1919

John M. Kuder is engaged in manufacturing citrus meal for a concern bearing his own name and located at 1514 Hooper avenue, Los Angeles. Emmons C. Sexton is a building contractor in St. Joseph, Michigan, where he lives at 1319 Niles avenue.

1920

Ovid A. Alderman is state forester of Ohio, and may be reached in care of the agricultural experiment station in Wooster.



Harold N. Mills, chief chemist for the Tennessee corporation, lives at 80 Sheehan avenue, Cincinnati. Ohio.

at the United States bureau of agricultural economics in Washington, D. C., where he lives at 2938 Legation S. W.

1921

Verne and Dorothy Thorburn Harris are living at 18722 Newell road, Cleveland, Ohio, where Mr. Harris is employed as sales manager for the Knollwood cemetery.

Albin Johnson, sales engineer for the J. L. Ferguson company of Joliet, Illinois, makes his home in Lakewood, Ohio, at 17551 Daleview averue.

Earl R. Morrow is located in Miami, Florida. as an agent for the New York Life Insurance company. He and Mrs. Morrow (Lucille Wellman, w'23) live at 1620 W. 9th street.

Lyman C. Schafer is employed in the purchasing department of the Consumers Power company in Jackson, Michigan, where he lives at 317 W. Mason street.

1922

Raymond and Marian (Ward, '23) Clark are making their home at 222 Orchard street, East Lansing. Mr. Clark is now engaged in teacher training work for the department of education.

Bernard Gaffney is principal of the high school in Houghton, Michigan, where he lives at 241 South street.

George and Martha (Steward, '23) Phillips are living at 4712 Harrison N. W., Chevy Chase, Maryland, Mr. Phillips is a forester in the U. S. Forest service.

1923

15th Anniversary Reunion Alumni Day, June 11

George P. Arnold, 81 N. Broad street, Battle Creek, Michigan, is employed by the Consumers Power company in the appliance repairs department.

Keith M. Farley is resident engineer for the Farm Security administration, and lives at 310 Garland avenue, Takoma Park, Maryland.

George M. Postmus is a physician in Memphis, Tennessee, where he lives at 933 N. Watkins.

G. A. Thorpe is project manager for the U. S. soil conservation service and is stationed in Ben-

Robert E. Post is senior agricultural economist

ton Harbor, Michigan, where he and Mrs. Thorps (Alice Cutler, '31) make their home.

1924

Harry E. Nesman, state supervisor of agricultural education, lives in Lansing at 1814 N. Genesee drive.

L. Leigh Smith is supervising engineer for the W. S. MacAlpine Engineering company in Birmingham, Michigan, where he lives at 506 Townsend avenue.

Chester L Williams is president of the Williams Form Engineering corporation of 46 Hall street S.E., Grand Rapids, Michigan.

1925

A. W. Hanigan is manager of the merchandising department of the American Blower corporation of Chicago, where he lives at 7208 South Shore drive.

Albert C. Hazard is a project engineer for the Chevrolet Motor company in Detroit, and lives at 18474 Hartwell.

John B. Leonard, consulting structural engineer, is located at 381 Bush street, San Francisco, California.

Don F. Redick is an estimator for the Chapper Iron Works in Detroit, and he and Mrs. Redick (Dorothy Stout, '26) live at 602 S. West street, Royal Oak.

Palmer II. Slack is located in Lansing as senior designer for the State Highway department. His local address is 1417 Corbett.

1926

Carl W. Gohr is a salesman for A. F. Escolar of Norwalk, California, and lives in that sity at 1731 Pioneer boulevard.

Russell Horwood is assistant professor of dairying at the college. He and Mrs. Horwood (Hazel Sorenson, w'28) live in East Lansing at 353 Division street.

C. Marshall Lane is superintendent of schools in Potterville, Michigan.

Harold C. Roberts is located in Lapeer, Michigan, as district engineer for the Detroit Edison company.

Captain Ralph E. Rumbold has been transferred to Fort Devens, Ayer, Massachusetts,

Arthur K. Wissman teaches agriculture in Tekonsha, Michigan,

Florence Yakeley is a clothing instructor in the New York State School of Agriculture in Canton, where she lives at 11 University avenue.

1927

Florence-Alice Albright Black is teaching in Saginaw, Michigan, where she lives at 708 S. Washington avenue.

Irving S. Edwards is superintendent of the Portage township schools with headquarters in Houghton, Michigan, where he lives at 165 Diamond.

Frank J. Gibbs is the proprietor of a resort at Port Aransas, Texas.

Hildred Hart is district 4-H Club agent located in Howell, Michigan, where he lives at 621 N. Court.

Kenneth Lyle and Dorothy Knoll were married November 27, 1987, in their new farm home near Paw Paw, Michigan.

Louis J. McDonough is an engineer with the Clearing Machine corporation of Chicago, and lives in Berwyn, Illinois, at 3247 Maple avenue.

Lee W, Maurer is located in Gaylord, Michigan, as senior engineering aide for the state CCC comps.

1928

Tenth Anniversary Reunion Alumni Day, June 11

John M. Beardslee is located in Oakland, California, as airways engineer for the U. S. bureau of air commerce. His local address is 3460 Richmond boulevard.

Clyde H. Beck is sales engineer for the Graybar Electric company of 120 E. Third street, Flint.

Lieutenant Harold E. Brooks is stationed at West Point, New York.

Eleanor Densmore, home extension agent for the college, has heredquarters in Grand Rapids. Michigan, at 201 Y. M. C. A. building.

Duncan Hudson is engaged in chassis drafting for the Buick Motor company in Flint, where he lives at 302 W. Paterson.

Ralph H. Kauffman, electrical draftsman for Holcroft Engineering Contractors of Detroit, lives at 900 Helen street, Inkster, Michigan.

Catherine Olds is a dictitian for the Veterans administration in Castle Point, New York,

Alfred B. Strand, who received his master of science degree in 1928, is a professor of horticulture at the University of Tennessee. He lives in Knoxville at 2205 W. Clinch..

1929

John W. Boldyreff is engaged in educational research at Teachers college of Columbia university in New York City, where he lives at 535 West 118th Stret, No. 53.

Lewis C. Cook is located in Milwaukee as sales engineer for the General Electric company.

Louise M. Drake is teaching home economics in Vicksburg, Michigan.

Ruth Ann Erskine teaches in Marshall, Michigan, where she lives at 605 E. Mansion street.

Robert T. Gordon. field man for Universal Credit company, is located at the Grand Rapids office at 201 Monroe street.

Lucy Jones teaches home economics in Eastern Senior high school in Lansing, and lives at 221 Shepard street. .

D. Gilbert Locke teaches agriculture in Decatur, Michigan.

Harold L. McAtee lives at 1219 S. Outagamie street, Appleton, Wisconsin, where he manages the Firestone service store.

W. E. and Marian Trumbull McConnell are living at 15713 Charfield avenue S. W., Cleveland, Ohio, where Mr. McConnell is a salesman for the Cleveland Distributing company, a radio and refrigeration concern.

Robert McInnis is in advertising work as production manager for Maxon Incorporated of Detroit. He and Mrs. McInnis (Pauline Massey) live in Royal Oak at 166 Norwich road.

Orson B. Slocum, radio engineer for the Michigan Department of Conservation, lives in Cedar Bend Heights, Okemos.

1930

George W. Adams is employed by the Kellogg company in Battle Creek, Michigan, where he lives at 320 Cliff street.

Paul J. Marek is an engineer for the State Highway department in Lansing, and lives at 524 S. Chestnut street.

Richard and Florence Nadeau Milburn are living at 307 Norwood S. E., Grand Rapids, where Mr. Milburn is employed at the Kroger warehouse.

Stuart Moore is a civil engineer for the government, with headquarters at 419 Federal building, Cleveland, Ohio.

Connor and Alice Tennant Smith and their daughter. Mary Ellen, are living in Standish, Michigan, where Mr. Smith is practicing veterinary medicine.

1931

H. Dale Cook is an engineer for the R. L. Deppmann company of 957 Holden, Detroit. Henry C. Gleason, district club agent for the college, lives on Route 3, Three Rivers, Michigan. Albert and Ellen Larson Griffith are living in

Cheboygan, Michigan, at 415 Lincoln avenue. Mr. Griffith is county agricultural agent.

L. H. Handler owns and directs Camp Tamakwa for Boys, and lives in Detroit at 9141 Monica.

Clare Hendee is located in fronwood, Michigan, as forest supervisor for the United States Forest service.

William B. Kershaw, librarian for the Detroit News, lives in Grosse Pointe a 646 Washington road.

Mrs. James A. Rye, formerly Jean Kinney, gives her address as 722 Lafayette, Racine, Wisconsin.

D. Reed McGee is superintendent of the high school in North Branch, Michigan.

Robert E. MacVay has headquarters at 419 Federal building, Cleveland, Ohio, as a junior engineer for the U, S. Engineers department.

Harold and Dorothy (Shoesmith, '28) Pierce are living at 64 Arcadia avenue, Lakside Park, Fort Mitchell, Kentucky, Mr. Pierce is divisional representative for the Nash-Kelvinator corporation.

Guilford Rothfuss is doing advertising and sales promotion work for the Lumbermen's Mutual Casualty company, and may be reached in Chicago in care of R. P. Palmer, 5250 Glenwood.

Evelyn Walters Starnaman (Mrs. S. R.) is contract clerk for Vitagraph Incorporated of Cleveland, Ohio, where she lives at 2030 E. 86th street,

1932

Albert A. Christian is credit manager in Marquette, Michigan, for Universal Credit company.

Frank T. Dianich, general foreman for the General Motors Linden division, lives at 211 Chandler avenue, Roselle, New Jersey.

Mrs. Anthony Jordan, formerly Janet Galbraith, is employed in the emergency relief office in Battle Creek, where she lives at 38 Charlotte.

Claude M. Groat is school superintendent at Hanover, Michigan.

Romaine A. Howlett is a chemist for the H. J Heinz company in Holland, Michigan.

Fred E. McComb, of 2171 Wayne street, Toledo, is in business for himself, selling International Harvester equipment.

Charlotte MacKinnon Zuber (Mrs. J. H.) gives her new address as 210 Amadore apartments, Saginsw.

Paul F. Nay is a mechanical engineer for the Morton Manufacturing company of Muskegon Heights, Michigan.

Louise Nyland is now Mrs. Harold Samuel of 2618 Floyd avenue, Richmond, Virginia.

Norma Streeter is county club agent for Gogebic county with headquarters at 203 Federal building, Ironwood, Michigan.

Paul Y. Vincent is located in Monticello, New Mexico, as district forest ranger for the United States Forest service.

1933

Fifth Anniversary Reunion Alumni Day, June 11

Five years ago the banks closed and we were graduated—since then much has happened to the banks and to us. Our first big reunion is June 11 and we really should make something of the occasion. One letter was sent to the class over the signature of George Culp and Bud Wagenvoord. While these men admit there's a racket in prospect, don't get the mistaken idea that it is to eke out the fortunes of any member of the elass; it will be the din and clatter of many people around on June 11.

As soon as plans get under way the local com-

mittee will continue the barrage of broadsides to coax you back to the Red Cedar for that BIG day, June 11. We need YOU and YOUR SUP-PORT, both financial and otherwise. Let's make this a reunion that will hold 'em till we return en masse for our tenth. If you hear of some members of the class who didn't get a letter, include them in your invitation. Tell them to send in their addresses so they will be on the list of future letters.

Lyman Burch, chemist for the Chevrolet Motor company, lives in Flint at 614 E. Fifth street.

D. Virgil Button is located in Pittsburgh, in the dealer service division of California Fruit Growers Exchange. He lives in Bellevue, Pennsylvania, at 713 Ravenswood avenue.

L. A. Church is employed by the Michigan Inspection Bureau in Jackson, Michigan.

John S. Clark is associated with the law firm of Monaghan, Crowley, Clark and Kellogg, 1590 National Bank building, Detroit.

Alden P. Cole, livestock agent with the Atlantic Coast Line railroad, has been transferred to Rocky Mount, North Carolina, where he and Mrs. Cole (Marie Miller) live at 118 S. Grace street.

Richard and Helen (Benson, '32) Cook are living at 1021 Main street, Apartment 2, Davenport, Iowa, where Mr. Cook is project manager for Consoer, Townsend and Quinlan, consulting engineers of Chicago.

Theodore M. Jacka has moved to Laurium, Michigan, where he is in general insurance business with the Faucett agency.

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Warn and Harriet Tindale Jackson live at 1426 Burlingame avenue, Detroit. Mr. Jackson is service and installation manager for Gar Wood Industries.

J. R. Janney is a physician and surgeon in North Baltimore, Ohio, where he and Mrs. Janney (Mary Murray) are making their home at 315 W. Water street.

John Loree is a metallographer for the Chevrolet Motor company in Flint. He and Mrs. Loree (Adelaide Hamilton) are at home at 2713 Detroit street.

John L. Lowe is melting superintendent and production metallurgist for the Centrifugal Fusing company in Lansing. He and Mrs. Lowe (Bernice Mitchell, '26) live in Lansing at 817 N. Cedar street.

Adolph J. Sypien, 8241 South Justine street, Chicago, is a junior veterinarian for the United States bureau of animal industry.

Keith Tanner is agricultural director and coordinator for the Hartland Area project in Hartland, Michigan.

Herbert J. Thamer is a salesman for the Organite company of Detroit, and resides in Jackson, Michigan, at 2922 E. Michigan avenue.

F. Wendell Tietsworth is engaged in radio engineering with the Robert D. Aitken company in Hamilton, Bermuda. He lives at "The Crest," Paget, Bermuda.

Kenneth J. Trigger is an instructor in mechanical engineering at Lehigh university, Bethlehem, Pennsylvania.

Russell D. Turrill is located in Battle Creek, Michigan, as reserve officer in the United States army on active duty with CCC. His local address is 425 N. 23rd street.

W. G. Walker is vice president of the Modern Machine Tool company, 601 Water street, Jackson.

Walter and Helen Withenbury Wissner are living at 13945 Tuller street, Detroit. Mr. Wissner is employed by the Michigan Inspection bureau.

1934

Charles J. Harris and Mary K. Harris, w'35, at the Detroit E were married January 22, 1938, and are making their home at 610 Bailey street, East Lansing. roll department.

Harvey, '93, Dies

William L. Harvey, '93, president of the International Milling company of Minneapolis, Minn.,

fied Sunday, March 13, at Palm Springs, Calif. He was 66 years old.

Mr. Harvey, who was born at Pittsfield, Ill., was graduated from Michigan State in 1893 with the Bachelor of Science degree. During that year he became associated with the late F. A. Bean, founder of the International company of New Prague, Minn. In 1896 he became

secretary of the

company, and upon the death of Mr. Bean in 1930, Mr. Harvey became president. The company, said to be one of the three largest of its kind in the country, now owns and operates mills at several points in the United States as well as Western Canada.

When the company moved its offices from New Prague to Minneapolis in 1923, Mr. and Mrs. Harvey equipped their home as a hospital and presented it to the municipality.

In Minneapolis he was active in the affairs of the Big Brothers, social welfare organization for boys. He was a member of the Minneapolis, Minnikahda and Lafayette clubs, as well as the Minneapolis Athletic club.

During the World War, Mr. Harvey was in charge of the Liberty Loan bond sales in LeSueur and Scott counties in Minnesota. He also directed numerous Red Cross, Salvation Army and other drives. Several times during the war he was called to Washington for advice and consultation on war relief measures.

Surviving Mr. Harvey are his widow and three daughters, Mrs. John A. T. Caine of Rialto, Calif., Margaret Harvey of Minneapolis and Jane Harvey, who is attending school in New York city. Three sons also survive: William, of Houston, Texas, Robert, of Chicago, and John of Minneapolis.

In commenting upon his career, a milling journal stated: "Widely traveled, Mr. Harvey's personal interests and knowledge of the world made him more than ordinarily cosmopolitan. He took an active part in associational affairs, both national and local, and always accorded a full measure of support and sympathy for measures to promote the best interests of the flour industry. His advice and counsel were frequently called upon by leaders of the milling fraternity. and he was looked upon as one of the industry's elder statesmen."

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Mr. Harris is general manager of Dean & Harris, Ford dealers, of Lansing.

Robert Kline is located in Mt. Pleasant, Michigan, as advertising manager of the Isabella County Times News.

Charlotte Kooiker is junior bacteriologist at the state department of health laboratory at 720 Fuller avenue, Grand Rapids.

Edward and Helen (Sutton, '35) Kramer are living at 878 Cadieux road, Grosse Point, Michigan, and will celebrate their first wedding anniversary on May 29. Mr. Kramer is employed at the Detroit Edison company as head of insurance division under the jurisdiction of the payroll department. Sarah Olson is teaching in St. Johns (Michigan) Central high school.

George Taylor, formerly on the college staff, is now extension professor of dairy husbandry at Rutgers university, New Brunswick, New Jersey.

Leslie F. Thayer is located in Keyser, West Virginia, as an inspector for the United States bureau of animal industry.

Jack Ticknor manages the Ticknor Motor Sales, of which he is a partner, at 379 W. Michigan avenue, Battle Creck.

Frazier and Dorothy (Locker, '33) Tubbs, of 310 E. Maumee street, Adrian, Michigan, announce the birth of a daughter, Patricia Ann, on November 8, 1937.

June Whitney and John Sanderson were married December 18, 1937, and are making their home in Saginaw at 1508 Spruce street. Before her marriage, Mrs. Sanderson was employed by the Consumers Power company in Saginaw as a home demonstrator.

1935

Kenneth J. Anderson, district 4-H club agent, lives at 24433 Hayes boulevard, East Detroit.

Lawrence H. Beck is a salesman for Shaw-Walker company of Muskegon, Michigan, where he lives at 424 Monroe avenue.

H. Donald Bruce teaches agriculture in Carson City, Michigan.

Jennie M. Cheney is residence lighting adviser for the Consumers Power company in Pontiac, Michigan.

Elizabeth Gittins and Ronald Parsells (Albion, '29) were married September 29, 1937. They are living at the Hotel Hayes in Jackson, Michigan. Mr. Parsells is publicity director of the hotel and editor and publisher of the hotel's house organs.

Earl Haas, extension specialist for the college, lives in Grand Rapids at 346 S. College avenue.

Roland H. Kaven is located in Crystal Falls, Michigan, as 4-H club agent.

Gary S. Morgan is plant engineer for the Fairmont Canning company, Fairmont, Minnesota.

A son, Charles Dorsey, was born February 14 to Mr. and Mrs. Charles H. Palmer of 270 Locust street, Lockport, New York.

On January 1, E. F. Peters was appointed assistant trainmaster for the New York, Chicago & St. Louis Railroad company, with headquarters in Fort Wayne, Indiana.

Elwood E. Presley is engaged in analytical and research work for the Armour Leather company, Holland, Michigan.

Walter H. Rick is stationed in Pensacola, Florida, as an aviation cadet, and lives in Wing 8 of the cadet barracks.

Charlotte Smith is teaching home economics in Corunna, Michigan.

Oscar J. Sorenson is employed by Parke, Davis & Company, of Detroit, as a veterinary-bacteriologist. He lives in Detroit at 18051 Peoria.

Lester F. Strickler is teaching physics and chemistry in the high school in Onaway, Michigan.

1936

Albert H. Agett is an instructor in chemistry at the college and lives in East Lansing at 602 Wildwood drive.

A. C. Arntz is chief of staff for Maihofer, Moore and Delong, certified public accountants in Muskegon, Michigan.

Jane Branston is a chemist for the C. F. Burgess Laboratory Inc., of Madison, Wisconsin.

Paul S. Cochrane, salesman for the Houseman-Spitzley corporation, lives in Detroit at 121 W. Boston boulevard.

Gerald S. Craft is a bacteriologist in the Abbott Laboratories in Chicago, and lives at 1109 North avenue, Waukegan.



W. L. Harvey

Clarence L. Crandall is a chemical engineer for Firestone Tire & Rubber company in Akron, where he lives at 31 Maxine place.

Floyd E. Darnell is medical technologist for the Monroe Hospital and Clinic, Monroe, Michigan.

Richard J. Darnton is doing accounting work at the Buick Motor company in Flint, where he lives at 112 W. Paterson street.

Walter G. Eissler, salesman for the Benner Chemical company of Chicago, and Mrs. Eissler, formerly Ruth Hardy, w'37, are living at 400 College, Peoria, Illinois.

Hollis R. Gilger is assistant purchasing agent for the Campbell Soup company of Chicago, and lives at 107 Dodge street, Swanton, Ohio.

Charles B. Guzak does general accounting and time and payroll work for the Fisher Body corporation No. 1 in Flint, where he lives at 829 Edmund street.

Margaret Konop is director of the cafeteria in West Junior High school in Lansing.

Gordon Mahana lives at 609 Madison street. Three Rivers, Michigan, and is employed by the Fairbanks Morse company as a commercial artist.

Harry L. Martin, field representative for Universal Credit company, and Mrs. Martin (Frances Anne Buth, '84) may be reached in Bakersfield, California, at Box 572.

William G. Pitt is a chemical engineer for the National Carbon company in Fostoria, Ohio, where he and Mrs. Pitt (Ruth Matthews, '34) live at 933 Leonard street.

James A. Porter and Dorothea Clabuesch, w'85, were married last June 19, and are living in Lansing at 633 North Fairview. Mr. Porter is employed by Universal Credit company.

Morrell Russell is doing graduate work in the soils department at Iowa State College, Ames.

J. Harvey Sackett is a chemical engineer for the Central Paper company, Muskegon, Michigan.

Gretchen F. Schramm is employed by the Michigan Bell Telephone company in Flint, where she lives at 215 W. 5th avenue.

William G. Stephenson lives at 7835 Miller road, Dearborn, Michigan, and is employed as budget manager for Boyers Haunted Shacks of Detroit

Thelma A. Strong is now Mrs. Harold C. Swenson of 148 Baylis street, S. W., Grand Rapids. Michigan.

Burton K. Thorn teaches agriculture in Adrian. Michigan.

Mrs. R. E. J. Grosfils (Helen M. Wilson) may be reached in care of Dodwell & Company Ltd., Kobe, Japan.

Fred K. Ziegel is employed by the Personal Finance corporation in Detroit, where he lives at 4440 Oregon avenue.

1937

William J. Smith and Emily Jean VanBrocklin were married October 23, 1987, and are making their home in Escanaba, Michigan, where Mr. Smith is employed by the Delta Hardware company.

Catherine M. Barley and Clark B. Redner were married October 16, 1987, and are living on South Cedar street, R. F. D. No. 2, Lansing.

Robert J. Rosa and Martha Kercher, '35, were married recently and are living in Lansing where Mr. Rosa is employed at the Motor Wheel corportaion.

New names and addresses are recorded for the following: Melba Case is now Mrs. Charles R. Ackley of 1528 Morse avenue, Chicago; Mary Elizabeth Daane is Mrs. Howard R. Davidson, Jr., of 30 Avonlea street S. W., Grand Rapids; and Emma H. Grikscheit is Mrs. William F. Vogt of 922 Federal, Saginaw.

Frances Clinton and Margaret Garrison are employed as dietitians, Miss Clinton at Grace Hospital in Detroit, and Miss Garrison at the

First Band Concert On May 11

The ninth annual spring concerts by the Michigan State College band are schedulued for Wednesday evenings, May 11, 18 and 25. In East Lansing. Eighty members of the concert band will take part.

The concerts, open to the public without admission charge, will be presented for the first time this year in the new band shell, now under construction. The band shell was a gift of last year's graduating class to the college.

The programs will be under direction of Leonard Falcone, who also directs the M. S. C. marching band during football games in the fall. Mr. Falcone recently returned from a leave of absence to arrange the spring concerts. He will leave the campus for study in Europe shortly after the final concert on May 25.

Graduate Hospital, 19th and Lombard streets, Philadelphia.

In training as student dietitians are Leocadia August at Mercy Hospital in Chicago, Leona Hautau at Harper Hospital in Detroit, and Ruth Aldrich at Johns Hopkins Hospital in Baltimore.

Among the student or apprentice engineers are George W. Boase, Rodney K. Potter and Hugo S. Wilson, at Carnegie Illinois Steel works in Gary. Indiana : Gordon L. Barringer at the F. A. Smith Manufacturing company, Rochester, New York; Leon A. VanPatten at Frigidaire division of General Motors in Dayton, Ohio; Charles W. Anthony at the Union Carbide company in Niagara Falls, New York; Charles M. Ashley at the Chrysler corporation in Highland Park, Michigan; and D. C. VanDine at the Babcock & Wilcox company, 85 Liberty street, New York City. Many class members are continuing their studies here and at other institutions. Graduate assistants at Michigan State include: David E. Christian, economics ; Harold Fairbanks and B. H. Pringle, chemistry; George F. McKenna, botany; Frederick W. Stuewer, zoology; and Donald R. Stokes, agricultural economics. At the University of Michigan in Ann Arbor the following are enrolled in the graduate school: Robert J. Bessey. Martin J. Cook, James Harryman, Stella Hazen, Martin List, B. Edward McNamara, Donald G. Trapp, and Thomas W. Vinson. Dallas J. Chapin and Gordon K. Dudley are attending Washington university in St. Louis, Missouri ; Harold L. Collins and Herman F. Openlander are in the department of dairy technology at Ohio State University, Columbus,

Frederick Belen and Donald C. O'Hara are attending college in Washington, D. C., and rooming together at. 725 20th street N. W., and in addition to his work at George Washington university, Mr. Belen is secretary to Andrew J. Transue, congressman from Michigan; W. L. Fleischauer is a graduate student at Columbia university in New York city; John E. Grafius is a graduate assistant at Iowa State college at Ames; George E. Holt is attending the University of Southern California at Los Angeles; and Richard W. Stow is graduate assistant in physics at Pennsylvania State college, State College.

Among those engaged in social work are: Isabel Beckett, visitor for the Bay County Welfare bureau in Bay City: Grace E. Johnston in Grand Haven: Eugenia Merdzinski, case worker for the Kent County old age assistance bureau in Grand Rapids; Jeanette Baird Hall (Mrs. H. C.), visitor for the old age assistance bureau in Pontiac; Josephine Carrow, psychometrist at the Traverse City State hospital: Janet Elliott, visitor for the Ingham County Relief commission: Alice Goddard, visitor for the Emergency Relief administration in Lansing: and Lois Sherman, visitor for the Ingham County old age assistance in Lansing.

T. M. Barr, James L. Boydston, and Charles H. Failing are practicing veterinary medicine, Dr. Barr in Ann Arbor, Dr. Boydston in Athens, and Dr. Failing in Oxford, all in Michigan. Dr. Lyle F. Spake is field veterinarian for the Minnesota State Livestock Sanitary board with headquarters in St. Paul. Dr. Josephine Van-Eberstein Lowry is on the college staff as veterinarian in the department of surgery and medicine.

Among those engaged in teaching are: William L. Austin at Charlotte, Virginia M. Anschuetz at Kearsley school in Flint, Helen Amerman at the Boulevard Business school in Detroit, Wave Bowes in Almont, Gretchen Bock in Pigeon, Dorothy Baldwin in Croswell, Verna Bailey in North Branch, Jane Cummings in Mount Clemens, Max Coats in Hastings. Matie Cutler in Washington school in Battle Creek, Luther Dawson in Central high school in Flint, Cora Dewey in Webber junior high school in Saginaw, Marian Farr at Garfield school in Port Huron, Martha Fisher in Northport, Florence Johnson in Junior high school in Escanaba, Edith Johnson in Alpha, Edith Kelch in Parma Bonnietta Miller in Port Hope, Addison Miller in Clayton, Ardis H. Nugent in West Junior high school in Lansing. Geraldine Paul in Owosso, Helen C. Perrin in West Branch, Helen Ryerse in Petoskey, Borghild Strom at Mancelona, Lucena Shaw at Angell school in Highland Park, Virginia Thomas in Grand Rapids, Marian R. VandenBosch at Grand Haven, Ruth Walcott at Brown City, Jean Warren at Williamsburg, George Wellington at Three Oaks, Syna Westrate at Bangor, and Ruth Wollen at Greenville.

Arlo V. Shank is teacher and superintendent of schools at Reese, Michigan. Richard Edwards and John O. Tower are teaching and coaching, Mr. Edwards at Mattawan and Mr. Tower at the Fairview school in Grand Rapids. Norman Fertig is coach at the W. K. Kellogg school in Augusta. Marianna Auer and Lyle B. Leisenring are teaching at the college, Miss Auer in the chemistry department and Mr. Leisenring in the mathematics department. John A. Straw is part-time instructor at Brown university, Providence, Rhode Island.

Engaged in engineering work are the following: Robert H. Bair at the Jarvis Engineering works in Lansing; Donald Boston at the Columbia Mills in Chicago; Carl E. Burke at the Continental Motors corporation in Muskegon; Robert L. Coriell at the Oliver Farm Equipment company in Battle Creek; S. J. Fairbanks at the American Seating company in Grand Rapids: Harold F. Fangboner at the John Bean Manufacturing company in Lansing : John R. Hamann at the Detroit Edison company in Detroit; Einar Kropp at the Standard Oil company in Cleveland : Harold J. LeTart at the Dake Engine company in Grand Haven; J. Merton Lone at the J. A. Utley company in Detroit; Fred H. Huntley at. the Lansing Board of Water and Electric Light commissioners; Bernard F. Benning at the Hyre Electric company, Chicago; Hartley C. Finstrom at the Consumers Power Company in Alma; Lovell J. Genson at the Consumers Power company in Jackson: Charles C. Gould at the Carnegie-Illinois Steel corporation in Gary, Indiana ; Richard Harmon at the General Electric company in Bridgeport, Connecticut : Henry C. Heerdt at General Plastics Inc. in North Tonawanda. New York; and Harold M. Weersing at Joseph E. Seagram & Sons Inc., in Louisville, Kentucky. J. Edward Bechtold is a draftsman for the

When The Woman's Building Was New—

(Continued from page 8)

youthful innocence, never did know why they had those particular rooms. I'm glad to find out though it's much too late for the information to be of any use to me."

"Remember when the Themians and the Feronians were given a room in which to hold their meetings? Just one bare room! Now they have each affiliated with a great national sorority and have splendid chapter houses of their own."

"Yes, but I do not think that any more youthful enthusiasm went into the building of those great houses, than we put into the care of our one little room. I recall that after we had everything arranged to our satisfaction our floor warped and lay in a series of waves which even the little marine up in the kitchen would have found difficult to negotiate. I nearly got down on my knees to Secretary A. C. Bird to persuade him to have them repaired. But, bless him, he had it done, though the State Board opposed it."

"Well," said Alice, "we certainly had close contacts with administration then. One did not have to be on the verge of expulsion to see the Dean, or be involved in some dreadful scrape before one could interview the president. I often think with pleasure of our contacts with our instructors. Miss Keller brought as the culture and convention of Wellesley, Miss Crow knew her costs as well as her calories. She was the prectical one. We could go right out and use what she gave us. And Miss Avery reflected the charm and social dignity of Southern life. Together their personalities moulded ours and wethat is the most of us-emerged more cultural, more refined, and better fitted to take our places in the world,"

"Yes." I sighed, "but now we are like the Woman's Building-gone into disuse. Just as it is being replaced by a more modern structure, so are we giving up our places to a newer generation. But if its walks had tongues as well as ears, what stories it might tell of life, of death, of ghosts, of tunnel exits and fire-escape entrances, of midnight spreads, of whispered romances, of dreams that did and did not come true of bright visions that faded and of other visions that grew and grew to splendid realities." "And do you believe," asked my hostess as we sipped our coffee, "that the youngsters who this year moved into another new dormitory will do as well as we have done? I can think of scores of teachers, writers, editors, doctors, extension specialists, and no end of charming, cultivated mothers among those who moved into the 'New Building' in 1900."

I finished my coffee before I answered. The ticking of the clock could be heard plainly. "Yes," I said slowly, "I am sure that M. S. C. still stands for the fine culture, the high ideals and the well rounded character which the old M. A. C. demanded of its students. You have but to turn the pages of today's **Record** and note the names to see that many of us have given our sons and daughters back to our Alma Mater. We could offer no higher testimony to our faith in them and in M. S. C."

The raucous squawk of an automobile horn outside brought us back to 1938. My family had come for me and our reminiscing was over.

Alumni World

State Highway department in Lansing. John Boyko for the Great Lakes Steel corporation in Ecorse, Edgar W. Killian for the Ford Motor company in Dearborn, Harold Scholtz for the Southern Michigan Engineering corporation in Lansing, and Louis J. Weber for the Fisher Body corporation in Detroit.

Robert W. Huddle, Jack E. LaBelle, and Paul R. Pfefferle are employed as metallurgists. Mr. Huddle at the Chrysler corporation in Kokomo, Indiana, Mr. LaBelle at the Detroit Diesel Engine division of General Motors, and Mr. Pfefferle at C. G. Conn Ltd. in Elkhart, Indiana.

Among those dickering with chemicals are John V. Corbishley at the Huron Milling company in Harbor Beach, John P. Hirvela at the Standard Oil company in Cleveland, Ohio, Robert N. Kennedy at the Anderson-Prichard Oil corporation in Chicago, Harold M. Leonhard at the disposal plant in Flint, Mabel Florey Wilson at the C. F. Burgess laboratories in Madison, Wisconsin, and Earl R. Zuhlke at the State Health laboratory in Lansing.

Engaged as laboratory technicians are Jean E. Anderson at the Hurley hospital in Flint, Mary-Elizabeth Craft at the Sparrow hospital in Lansing, Marian Huff at the Eloise laboratory, Katharine Laurim at the Allen clinic in Bay City, and Gilbert E. Zook. junior serologist for the Michigan department of health in Lansing.

William Fox, Luther Fredrickson, and George Hyatt are directing their efforts to dairy inspection with the health departments in Lansing, St. Louis, Missouri, and Detroit, respectively.

Accounting work has attracted Robert K. Fowler, who is employed by the Motor Wheel corporation in Lansing; A. Irene Harden, who works for the Consumers Power company in Mt. Pleasant; Dyle L. Henning, at the General Electric company in Schenectady, New York; Rex F. Lamerson, junior accountant for Lyle D. Hepfer, C.P.A., of Lansing; and Roger W. Mansfield, with General Motors corporation in Detroit.

Those engaged in hotel management or food service work include: Alice Gabrielson, cafeteria assistant at the Y. W. C. A. in Grand Rapids: Frances L. Langford, lunchroom manager at Garfield Intermediate school in Detroit: Peter W. Norgaard, clerk at the Occidental hotel in Muskegon; Robert Perry, manager of the California Inn in Pinconning: John G. Shafer, public relations department of the Hotel Sherman in Chicago; Russell Shuberg, assistant manager of the Midland Country club, and James W. Williams. assistant manager of the Amazon Sweets company in Saginaw.

Forestry work claims Gerald R. Cox and Philip Linebaugh, who are employed in the department of parks and boulevards for the city of Detroit; Bernard Kirk, junior forester at the California Forestry experiment station in Berkeley; Louis O. Miller, field assistant located in Fremont, Michigan; Chris Nelson, research assistant for the Texas Forest service at College Station; Glenn Schaap, working on the Waterloo project in Chelsea, Michigan; and William A. Friedrich, who has been working for the Guse sawmill in Greycliff but expects to be with the United States Forest service this spring.

The Michigan Bell Telephone company employs Charles G. Christian, who is in the traffic department in the Grand Rapids branch, Howard Linder, salesman for the Detroit branch. Virginia McBride and Margaret Mary Nulty, service representatives in the Lansing office.

Morris Austin is engaged in soil survey work for the University of Tennessee, and may be reached at the Hotel Taylor in Crossville, Tennessee.

Norman R. Barnes is a fire insurance rater for the Michigan Inspection bureau in Detroit.

Eleanor Beebe is employed in the Horticulture department at the college and lives in Lansing at 1220 N. Genesee drive.

Ellen Begley is personnel director for the W. D. Hardy company in Muskegon, Michigan.

Dr. Breyton D. Brady is an inspector for the

Detroit board of health, is married and living in Detroit at 14380 Marlowe.

Robert W. Bristol is employed at the Keeler Brass company in Grand Rapids.

Louis A. Carapella is an assistant in X-ray metallography at Harvard university.

Luis A. Costas is an entomologist for the agricultural extension service of the University of Puerto Rico at Rio Piedras.

Laurence Dayton is employed by the Michigan Department of Conservation in Lansing as junior landscape architect.

D. B. Elliott may be reached in care of the State bank in Marion, Michigan.

Norman S. Foster is a trainee at the W. T. Grant company in Jersey City, New Jersey.

Arnold O. Fredrickson is safety director at Columbia Mills Inc., in Saginaw.

Richard L. Gray is located in Grand Rapids in the advertising department of the Goodyear Tire and Rubber company. He and Mrs. Gray (Maude Irene Lewis, '36) live at 327 Henry street.

Floyd P. Gridley is student manager of the Kroger Grocery and Baking company store at 224 S. Sycamore street, Lansing.

Kenneth Hagberg manages the greethouse on the estate of M. E. Coyle, near Oxford, Michigan. James P. Hansen manages the Hansen Poultry

farm on Route 5, Muskegon. Katharine Harrison works at the Michigan Mill-

ers Mutual Fire Insurance company in Lansing, and lives at 407 Grove street, East Lansing.

Walter C. Jackson is band director in Falfurrias, Texas.

Dorothy Johnson Byrd (Mrs. J. J.) is in the advertising department of the Mills Dry Goods company in Lansing.

Bernard Klukoski is assistant traffic manager for the Consolidated Freight company in Saginaw.

Harold Lenderink is engaged in salvage work and waste per cent studies for the American Seating company in Grand Rapids,

Gilbert A. Lloyd is doing landscape work in Springport, Michigan.

E. Pauline McCallum is correspondent for the R. M. Kellogg company in Three Rivers;

Jerry A. Maring works for the Johnson Products company in Muskegon Heights.

Jeannette Miller is corresponding secretary for the State Welfare department in Lansing.

John N. Newcomer is associated with H. Stevenson Clapper, arborist, of Baltimore, Maryland. Willard Odell is farming near Hilton, New

York. Wesley B. Orr lives at 4100 Devonshire road. Detroit, and works for the Detroit Edison company.

Mercer H. Patriarche is assistant to Francis Bateman, '22, Lansing surveyor.

Richard C. Phillips is an examiner for the Detroit Fire and Marine Insurance company, and lives in Birmingham at 684 East Maple.

About Salesmen

Several Florida residents have written President Shaw that a group of youthful salesmen, claiming to be Michigan State college students, are traveling about that state trying to solicit subscriptions as a means to completing their college education. Names which some of the young men gave as their own have been checked by the M. S. C. registrar. None is registered as ever having attended Michigan State.

President Shaw wishes it to be known that this college gives no official sanction to magazine salesmen who claim to be M. S. C. students or alumni.

