

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 7.

LANSING, MICHIGAN, TUESDAY, JUNE 24, 1902.

No. 39

COMMENCEMENT OF 1902.

THE LARGEST CLASS EVER GRADUATED FROM M. A. C.
GOT THEIR DIPLOMAS FRIDAY.

The commencement of 1902 is a thing of the past, and nearly all the members of the various classes and the visiting friends have returned home. It is the common verdict that the commencement of 1902 was the equal of any commencement of former years. All the exercises passed off quietly and without a hitch or jar, though necessarily many things were crowded into the last week.

Tuesday evening President Snyder gave a six o'clock dinner to the seniors, which was a very enjoyable occasion. All of the class brought articles, which they were supposedly most anxious to get rid of. The articles were exchanged and uncovered at dinner, and some laughable revelations resulted.

The class reunions were held Wednesday evening according to the annual custom. All the men's societies held separate reunions with the exception of the Phi Deltas, Eclectics and Hesperians, who held a joint reunion in the Armory, after having had, earlier in the evening, informal gatherings in their own society rooms. The Hesperians held their banquet in Club E, and the Union Literary Society had an elaborate program in their own building.

Class day was held at Grand Ledge Thursday, and those privileged to attend report an enjoyable time. Besides the members of '02, some invited friends were present.

President Snyder's reception to the class, faculty and visitors Thursday evening was as informal as possible, but was none the less enjoyable.

The commencement exercises, Friday in the Armory, began at 10:30, with the march played by the band, and lasted two hours. The platform was decorated with palms and ferns and the national colors. With the playing of the march President Snyder and the State Board of Agriculture ascended the platform followed by the faculty and the members of '02. The following program, with President Snyder presiding, was carried out:

MARCH—Belle of Indiana, - Langlear
M. A. C. BAND.
INVOCATION, REV. W. S. SLY, Lansing
ADDRESS—Commercial Supremacy,
WARD R. SHEDD.
PIANO DUET—Valse in A flat, Moszkowski
MISSSES BACH AND CROSSMAN.
ADDRESS—The Independence of Women,
MISS MARGUERITE NOLAN.
ADDRESS—Specialization in Agriculture,
DILLMAN S. BULLOCK.
VOCAL SOLO—
(a) A Song of Thanksgiving, - Allitsen
(b) A Romany Spring Song,
Amy Elise Horrocks
MISS STALEY.
ADDRESS—Why We Educate,
PRES. W. O. THOMPSON,
Ohio State University.
OVERTURE—"Apollo," - Laurendeau
M. A. C. BAND.
Awarding of Diplomas.

All the musical selections were well rendered and well received. The vocal selections of Miss Staley are worthy of special comment. She has an excellent soprano voice which is well trained, and her manner is easy and unaffected.

The audience comfortably filled the Armory and listened attentively to all of the four addresses. Ward R. Shedd, representing the mechanical course, spoke in part as follows:

"Material wealth and business success are not all that is to be sought for in national or individual development; but they are the foundations for those higher attainments of the human mind which are evident in art, literature and philosophy. * * * England and America have each recently received their lesson in territorial aggrandizement. The terrible cost of military conquest, in both South Africa and Oceanica, has impressed upon the world the lessons that were pointed out by the Peace Conference at the Hague. Nations are learning that war is not profitable, and they are turning their attention from war to the promotion of enterprise and the development of the resources which have been placed by nature within their grasp. The hero of the future is to be the captain of industries, not armies; and in the twentieth century, the nations that make the world's history will be the ones who reach farthest into other lands, not with their armies and navies, as territorial conquerors, but with their merchant marine, carrying their manufactures and education."

Fifty years ago England was the central figure in the world's trade. Her goods were standard, her workmen the best, and her natural resources and commercial facilities unequalled. But she is losing her prestige as a commercial power. And why? Because, feeling herself secure in her supremacy, she has neglected to improve on methods which have been outgrown, and refused to profit by the lessons which younger and more progressive competitors have learned."

The speaker then dwelt on conditions of industry in America and the reasons therefor, showing the value of technical training and the ability of the American to seize opportunity.

Miss Marguerite Nolan, representing the women's course, said that in the strict sense of the term woman is not a competitor with man, but rather co-operates with him. There are certain occupations, which by their nature, fall to the lot of women; of such may be mentioned domestic architecture, shop window decoration and many occupations akin to these. Woman has proved that she has a vocation in the farm dairy, but lastly and most important of all, woman has her true place in the well-ordered home.

Mr. D. S. Bullock, representing the agricultural course, in treating the subject, "Specialization in Agriculture," drew a contrast between the farm our grandfathers knew and the farm of today. He spoke in part as follows:

In the valley of the St. Joseph river in the southwestern part of our state, lay an agricultural community, rich and prosperous. Happiness was a common possession of the people, and each day thanks were given for the sunshine and the rain, because they made life more enjoyable and added to the contentment of living. On a farm of one hundred acres in that valley, a farmer with his three sons did the work of the place. The mother and two daughters did the housework and tended the poultry. Eight or ten acres of wheat, corn and oats were raised annually. The wheat not needed for the use of the family was drawn to the nearest market, nearly thirty miles away. The oats and corn were used to fatten the three or four hogs and the old ox that had gone lame. The orchard furnished them with fruit, cider, and vinegar. The garden supplied the vegetables and the family medicines. The wool from the dozen sheep was carded, spun and woven, and from the product all the best clothes of the family were made. Once a week the father and mother drove Topsy and Nell to the village to supply the family with groceries by exchange for the surplus butter and eggs, and to get the weekly mail. Three months in the winter the boys attended school at the little red school house. Their highest ambition here was to learn the "rule of three," and if possible conjugate the verb love. The only books available for reading were the family Bible, Pilgrim's Progress, and the Sunday school library. "Those were happy days," so grandfather says. The old log cabin, with its lean-to kitchen and woodshed, was to them a castle. They had enough to eat, good clothes and shelter from the storm, and why should they not be happy? Contentment reigned supreme. The farm was their world. Science was to them a mystery. A college existed only in imagination. A liberal and an industrial education was to them unknown. Theirs was a life of blissful ignorance.

All this was a generation ago. Since that day we have been transformed from a settled state. Go with me today and let us look again at that same farm.

The old log cabin long ago fallen into decay has been replaced by a modern frame house. A small basement barn stands in the place once occupied by the old stable. We look out across the space where the fields of wheat, oats and corn were, but they are not. The little orchard has grown until it occupies those fields. But the trees are not the same as previously. They are all of one kind—peach trees. The long, low building only a short distance from the house is the place where the peaches are sorted and packed for the Chicago market. Last week

(Continued on page two.)

ALUMNI.

'68. The last number of the *C. A. C. Lookout*, the college paper of the Connecticut Agricultural College, is a college number. Prof. A. G. Gulley has in the issue an article on the scope of the work done there in horticulture, an idea of which may be gathered from the following: "Class work in strictly horticultural subjects is largely in the junior year, but extends by election to the end of the senior year. The first is devoted to the different branches of vegetable growing, floriculture, nursery and fruit growing, covering very fully the points of location, soils, cultivation, packing, markets and the special methods used for the different kinds. Special attention is given to injurious insects and diseases, the remedies used and how to apply them. The manner of work and the principles involved are illustrated in the field or greenhouse as far as the time will allow."

'70. Dr. A. H. Phinney visited us last week and was looking about for the old alumni.

'78. Prof. Taft left Sunday for Washington where he will attend the American Association of Farmers Institute Workers which will hold its meetings from June 24th to 26th. W. C. Latta, '78, is one of the speakers on the program.

'78 and '91. The University of Illinois is trying the experiment of having excursionists visit the college grounds. The excursion parties come directly from institute meetings, and the general plan is somewhat similar to that in vogue at M. A. C. The excursion idea is doubtless due to Professors Davenport and Mumford.

'79. The father of C. E. Sumner, who graduated with the class of '79, visited the college last week. Both father and son are now living in Toledo, O. Mr. Sumner, the elder, was formerly on the Michigan senate committee on the Agricultural College, and was ever an honored and true friend of the college.

'91. Kenyon L. Butterfield was recently appointed Instructor of Rural Sociology in the University of Michigan.

'91. Prof. Wheeler expects to resign August 31, to accept a position in the U. S. Department of Agriculture.

'91m. E. P. Safford was a commencement visitor.

'95. Prof. W. C. Stebbins during his stay at the College has been doing some special analysis work in the chemical laboratory.

'96. J. H. Briley, a junior medic in the University of Michigan, visited his friend Dunford, '02, last week.

'98. Mr. George Campbell, of Maple Rapids, was a commencement visitor, as was also Harvey A. Williams, '00.

THE M. A. C. RECORD.

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MICHIGAN STATE AGRICULTURAL COLLEGE

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TUESDAY, JUNE 24, 1902.

THIS is the last issue of the RECORD until the mid-summer number. There will be many things of interest for the first issues of the paper in September, and each one now taking the RECORD is advised to see to it that his subscription does not expire at that time. It sometimes happens that there is delay in the mail service and consequent complaints because of the nonappearance of the paper. For this the editors can assume no responsibility. As a final word let it be said that in order to make the paper a success students, alumni, and faculty must co-operate toward that end. This thought is getting rather tiresome, no doubt, because of its frequent appearance in the editorial column, but it is nevertheless a fact, and as such needs re-enforcing occasionally. The editors trust that all readers of the RECORD will continue next year the interest manifested in the paper during the year just past.

COMMENCEMENT OF 1902.

(Continued from page one.)

John and Mary graduated from the city school only two miles away, and next week James will be home from college. The mail is brought daily to the door. A telephone allows immediate communication with the Chicago commission men who were today inquiring regarding fruit this year. The prospects are good and the orchard is being sprayed, so all look forward with eager expectation to the time of gathering the fruit. Theirs is a happy life; but the happiness is of anticipation, of eager expectancy, and not of self-satisfaction and ignorant contentment. This is a modern farm in the Michigan peach belt, and not the general farm of a generation ago. But why is it not? What are the reasons for the change? What factors have been at work to produce so great a transformation in so short a time? This brings us face to face with some of the greatest problems in the economic and industrial world today. What are the

reasons for specialization? How is it possible?

This stage in the economic development of any people can occur only when they are situated comparatively close together, when there is easy means of communication between them. Specialization begins in the more thickly settled communities and proceeds only in proportion to the population, other things being equal. But in our industrial history there have been numerous disturbing factors numerous things which have entered in and tended to hasten greatly this development.

This is an industrial age; an age of factories. The marvelous development of our factory system and manufacturing enterprises is one of the greatest wonders of modern times. But even our factories are dependent upon another phase of our growth without which our whole system of manufacturing would be an absolute impossibility. I refer now to our transportation system.

In the early days of our republic, country roads were well nigh impassable. Canals, railroads, government or turnpike roads were unknown. Country roads were superseded by the toll road and turnpike. Canals were built throughout the land. Government roads were established. But the railroad came with its iron horse propelled by nature's latent never tiring force and the other roads have been pushed to the background. From one end of the country to the other the trains rush on, and the great West is made neighbors to New England, the producing country of the middle states is brought to the very doors of the consuming population of the East, the country is covered with a network of iron rails, every little town has its railroad or electric road, and so by this marvelous system the whole country is bound together in one common family.

Other factors have also been instrumental in this modern development. The telephone, the telegraph, and our almost perfect mail system have been factors of no mean importance. Recently the great improvements in shipping facilities have assisted materially in bringing more closely together the distant parts of our country.

In Agriculture, however, still other agencies have been at work hastening this growth. Sheer necessity has been and is still influencing to a great extent the work of the farmer. The homestead system of land settlement has so lowered prices in the East that profits have been small and so from a financial standpoint the agriculturist has been compelled to specialize.

* * * Go with me now to the time when we of the present day and generation pass the milestone of the next half century and let me glance once more at that little one-hundred-acre farm down in the St. Joseph valley.

Beyond the trim kept lawn in the brick house we find the mother and two daughters. The father and boys have just come in from work. We sit down with them on this bright June day and enjoy heartily the noonday meal, with its substantial food, its numerous dainties, and its variety of fruit of last year's growth still fresh. These delicacies are a part of the daily living of the family. The meal is over: Mary plays an air on the piano, and father and mother go to the library to read, while we go

out with the boys to look around. The fruit is being packed and loaded directly into the refrigerator cars. Tonight it will go to Chicago to be sold by the business manager of the local fruit raisers' association. Many of the kinds of fruit are to us unknown, but we learn that some were introduced from Asia, others from Australia, and South America, and still others, the Juneberry and paw paw, have been brought in from the woods. By means of a gasoline engine the sprayers are so thoroughly applied that insect and fungous pests are held in perfect control. A pumping plant and reservoir afford a supply of water for systematic irrigation. The tree and brush fruits in the orchard are planted closely together, and fertilizers are applied weekly. The intensity of all the methods of cultivation seem almost marvelous. Our eyes feast upon the splendor of the surroundings and the thoroughness with which every detail is managed. We behold with mute astonishment the perfection to which this great industry has been brought. We realize that by the application of scientific principles along with earnest, careful effort the farmer has advanced his vocation from the rank of a trade to that of a profession. We understand and appreciate then the true value of specialization.

The commencement address by President Thompson of Ohio State University was a cogent and forceful one. President Thompson is a large man with a commanding personality. He said in part:

"Broadly speaking, there is an increased interest in the course of education as indicated by the magnificent gifts to education of late years. Education does not have to do primarily with getting on in the world. It is not selfish. Education is the organized optimism of the world. It looks to the future, is not stagnant. The true teacher is he who has confidence in himself and in the world. He cannot be a pessimist. He must have the power to uplift his fellow man. Education elevates to freedom, and there can be no freedom where there is no dominion.

CLASS OF 1902.

BACHELORS OF SCIENCE.

Ayrs, Orla L., Agricultural College.
Baker, J. Fred, St. Croix Falls, Wis.
Bennett, Edmund R., Geneva.
Bowerman, Elma w, Victor, N. Y.
Brunger, Harry L., m, Grand Ledge.
Bullock, Dillman S., Hadley.
Cannell, E. Winifred, w, Lansing.
Carpenter, Frank G., m, Orion.
Carrier, Lyman J., Duffield.

Case, Albert H., m, Springville.
Case, Ralph W., m, Mt. Pleasant.
Cork, Robert L., m, Speaker.
Covell, Guy S., m, Whitehall.
Craig, Albert G., Harbor Springs.
Crosby, Mamie L., w, Agricultural College.

Crosby, Matt A., Agricultural College.
Dail, Ernest I., Holt.
Dean, Clare, w, Agricultural College.
Driskel, Harry G., m, Jones.
Dunford, John A., Long Rapids.
Farrand, Harriet A., w, Lansing.
Fox, Fred C., m, Gaylord.
Francisco, Geo. D., m, Constantine.
Fuller, Mina B., w, Agricultural College.
Geib, Warren J., Caledonia.
Gingrich, Irving, South Bend, Ind.
Henderson, Harry J., Detroit.
Horton, Norman B., Fruit Ridge.
Keeler, David A., m, Grand Rapids.
Kneeland, Harold S., m, Traverse City.
Kocher, Arthur E., Chestonia.
Krieger, William, Lansing.
Mead, Oscar F., m, Detroit.
Millsbaugh, Clark W., m, Gobleville.
Nolan, Marguerite A., w, Mio.
Owen, Floyd W., Stanton.
Palmer, Wilbur S., Kalkaska.
Patriarche, H. K., Detroit.
Peterson, Burt A., m, Jackson.
Phillips, T. Glenn, Auburn.
Rankin, John M., St. Clair.
Richmond, Ernest A., m, Grand Rapids.
Rudolph, Lynn D., Collins.
Searing, Emery D., m, Pewamo.
Severance, Mable C., w, Walled Lake.
Shedd, Ward, R., m, Tekonsha.
Skinner, Oramel H., m, St. Johns.
Sly, Frances W., w, Lansing.
Smith, Dennis W., m, Three Oaks.
Stevens, Marcus B., Big Rapids.
Stroebel, George W., m, Barron.
Uhl, William F., m, Sebawaing.
VanLoo, Gertrude, w, Zeeland.
Waterman, Clara, w, Alpine.
Wermuth, Burt, Newark.
Willison, William B., North Branch.
Winters, Wallace K., Detroit.
Wright, Winfred R., Three Oaks.
Young H. Earl, Mason.

MASTERS OF SCIENCE.

Louis A. Clinton, '89, of Cornell University; F. E. West, '99, of Alma; Prof. J. D. Towar, '85, of Australia.

'01 m. Mr. D. L. McDougal is with the Chesapeake and Potomac Telephone Company, Baltimore, Md.

'93 and '93: '97m and '99. The marriage of Mr. D. J. Crosby and Miss Lilian Wheeler, class of '93, and of Mr. George Nial Eastman and Miss Fay Wheeler occurs July 2d, 7:30 p. m., at the home of Prof. and Mrs. C. F. Wheeler.

'01. Instructor George Severance has accepted a position in the Washington State Agricultural College, located at Pullman. He will be assistant professor of agriculture with a salary of \$1,000 a year. He expects to go to Washington in July.

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ABOUT THE CAMPUS.

D. Francisco's mother attended the commencement exercises.

Miss Maud Ryland Kellar writes to have her RECORD sent to Wellesley, Mass.

Lyman Carrier has gone to Pontiac, where he will test a dairy herd for registration.

In the next number of *Science* Dr. Beal will have an article entitled, "What is Nature Study?" Dr. Beal defines the term in a way all might profitably consider.

D. S. Bullock, H. K. Patriarche, and Dennis Smith were visited by their parents during commencement week. There were doubtless many other visiting parents whose names we did not learn.

Officers of the Phi Delta Society, Fall Term, 1902: President, Fred Stevens; warden, Charles Blake; secretary, W. R. Orwick; treasurer, F. S. Dunks; RECORD reporter, F. H. Nickle.

John Rankin got back to M. A. C. in time to get his diploma. He reports that 500 acres of beets belonging to the Detroit Sugar Co. are under water at Wyandotte, and that where beets were planted men spear carp from boats.

The following letter came to ex-Secretary Bird last week:

ANN ARBOR, 15 June, 1902.
DEAR BIRD:—Lucius Dennison Watkins, jr., born at Dr. Lynd's private hospital last night at 9:45 o'clock. All well.

Hastily,
WATKINS.

Miss Blunt leaves soon for her home.

Miss Crowe left for Toronto yesterday morning.

F. N. Smith, '04, will not be in College next year.

Mary Ross, '04, will not return to school next fall.

C. P. Reynolds was a commencement visitor.

D. S. Bullock will sail for Chile, South America, about July 20, by way of Liverpool.

A number of students are planning to stay through the summer and work on the buildings.

E. S. Good leaves this week for the University of Illinois where he will work for Prof. Mumford.

Matt Crosby, '02, has received his assignment for work in forestry and will go to the Columbia river region.

H. Foley Tuttle, '05, is one of the many students who remain at M. A. C. this summer to work.

Prof. Pettit expects to go to the University hospital in about two weeks to have his knee treated.

The *Oberlin Review* of last week was a John-Henry-Barrows number. A likeness of the late President and articles concerning him from various sources appeared in the number.

Wednesday evening the Columbian Literary Society celebrated their tenth anniversary. After listening to a program given in the society rooms the company repaired to the Women's Building where, for a time, feasting and toasting were indulged in.

After the banquet the society rooms were again visited, dancing and games being the order of the day until an early hour. Mr. Chas. Kaylor, '01, and Harvey Williams, '01, were visiting alumni. Prof. and Mrs. C. D. Smith chaperoned the party, Prof. and Mrs. Atkins, Prof. and Mrs. Vedder, Mr. Gunson, and Miss Gilchrist being the other faculty members present.

A change, by way of experiment, is to be made in mailing bulletins. They will be sent out in bundles in the same way that newspapers are sent, instead of in separate envelopes as before. The linotype addresses will be corrected each month. Mr. P. M. Lyman is to have charge of this work for a time.

The football schedule for next fall is as follows: Sept. 27, Notre Dame at Notre Dame; Oct. 4, Detroit College at M. A. C.; Oct. 8, Michigan at Ann Arbor; Oct. 11, Hillsdale at M. A. C.; Oct. 18, U. of M., all freshmen at M. A. C.; Oct. 25, De Pauw at M. A. C.; Nov. 1, Olivet at Olivet; Nov. 9, Kalamazoo at M. A. C.; Nov. 15, Albion at Albion; Nov. 22, Alma at M. A. C.; Nov. 27, Beloit at M. A. C.

The Mechanical Department recently received three handsomely framed photographs from the Morgan Engineering Company, of Alliance, Ohio. The photographs show the interior of the hydraulic forging, bending and straightening department of the Morgan works, also an 11-foot plate-mill and electric guillotine plate shear manufac-

ured by said company. These photographs form a valuable addition to the somewhat extensive collection now owned by the department of mechanical engineering.

The following note contributed by Dr. Beal will prove of interest to any one interested in agriculture: A well-known southern Texas stockman, J. T. Maltzberger, in an interview with the *San Antonio Express*, says: "Crops are needing rain worse than grass, and grass is needing it bad enough. It will take an unusual amount of rain to restore the pastures in south Texas to the conditions of eight or ten years ago. There has, in fact, been a disposition on the part of ranchmen to overstock the range ever since the passage of the lease law, and we are now brought face to face with the folly of our course. This tendency of a cattle man to get his money's worth from leased pastures or those owned in fee simple, has contributed largely to his undoing. If he doesn't quit his foolishness and give his range time to recuperate, now that it is lightly stocked, he is going to see more and worse trouble than should fall to the lot of the cowman."

NOTICES.

All tennis players who are to stay at the college during the next month will please meet in the chapel tomorrow (Thursday) evening to arrange for a summer tournament. A tournament with Lansing is to be arranged in the near future.

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ALUMNI.

'99. A. Thorne Swift, District Manager of the Canada Life Insurance Co., Grand Rapids, visited M. A. C. last week.

oom. The marriage of Miss Bernice M. Cook to George D. Wells with 'oom, on June 4th at Mt. Pleasant, Michigan, has been announced.

'01. Instructor Humphrey has gone for his summer vacation, which will be spent at his home, Adrian, Mich.

'01. George D. White was married on June 8 at Milwaukee, Wis., to Miss Burdette M. Dorlandt. Mr. and Mrs. White are at home to their friends, 1229 Wells street.

BOARD MEETING.

At the meeting of the State Board last week there were a few changes in the faculty which were acted upon.

Miss Crowe and Miss Blunt handed in their resignations, which were accepted, the same to take effect Sept. 1. Miss Blunt will be in Europe next year but Miss Crowe has not decided where she will be next year.

Dr. Kedzie, at his own suggestion was made emeritus professor of chemistry with salary and residence. Prof. Frank Kedzie was made full professor of Chemistry as was Prof. Marshall of Bacteriology.

The following resolution was adopted: Acting upon the request of Dr. Robert C. Kedzie for relief from duty, and recognizing the years of devoted toil and research which has carried on in the interest of the Michigan Agricultural College and the people of the State, and the brilliant victories he has won over fraud, delusion and humbug by the masterly application of his science to things both common and humble; recognizing, too, the significance of his beckoning hand as he pointed the way to new avenues for agricultural endeavor, the fruit of which is now on every hand; and appreciating that in his declining years there should be rest from the burden of toil and responsibility he has borne for so many years with such untiring energy, therefore, be it

Resolved, by the Michigan State Board of Agriculture, That Dr. R. C. Kedzie has brought fame and distinction to the institution in which his life work has been done, and that to him in large measure is due the recognition which the College has received in every land where agriculture is respected.

Resolved, That as a fitting close to this long period of zealous labor, studded with brilliant accomplishments and successes, and perpetuated in the long line of students who, in their varied capacities have gone out from his kindly instruction, he be relieved of all exacting duties and made free from all responsibilities in connection with his department.

Resolved, That while willingly acceding to the request of Dr. Kedzie in this matter, we wish to assure him that it is the desire of the Board that he continue his connection with the Department of Chemistry in any way and to any extent that he may desire, and that it is our earnest wish that he may be allotted many years of uncompelled and peaceful labor.

Resolved, That these resolutions be spread upon the records and a

copy of them be transmitted to Dr. Kedzie.

After transacting some matters of lesser importance the Board adjourned.

MECHANICAL NOTES.

The majority of the graduates in the mechanical engineering course have already secured positions and expect to report for work this week. Below are given the future addresses of some of the mechanical men: Harry L. Brunger, Northern Engineering Works, Detroit, Michigan. R. L. Cork, Buckeye Engine Works, Salem, Ohio.

Frank G. Carpenter, Stirling Co., Barberton, Ohio.

A. H. Case, Penn Bridge Co., Beaver Falls, Pa.

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According to the present outlook it is most probable that all the mechanical students of the present class will be employed by the end of the present week. The addresses of students whose names are not given above may be obtained from the Mechanical Department.

FACULTY VACATIONS.

The following notes as to where some of the members of the faculty will spend their vacations will doubtless prove of interest:

Dr. Beal expects to remain at M. A. C. a large part of the summer. He will perhaps do some forestry work in the Michigan woods.

Prof. C. D. Smith will teach in the School of Agriculture to be held at the Ohio State University, a mention of the school being made last week.

Mr. King will go east for study; some of his time is to be spent at Harvard but the most at Columbia.

Miss Wellman will visit in Ypsilanti and other points in Michigan.

Mr. Holbrook will study in the University and complete the work for his Master's degree.

Mr. Denman will return to New York for the summer.

Dr. Kedzie will visit Pittsburg possibly and attend the sessions of the American Association for the Advancement of Science, American Chemical Society, and the American Association for the Promotion of Agricultural Science.

Prof. Frank Kedzie expects to take an outing at Harbor Beach.

Dr. Edwards and family will spend part of the summer in Virginia.

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