

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 16.

EAST LANSING, MICHIGAN, TUESDAY, MAY 23, 1911.

No. 35

MEMORIAL EXERCISES.

MONDAY, MAY 29, 4:00 P. M.

The committee, in charge of the program of exercises to celebrate the 50th anniversary of the enlistment of the students from M. A. C. in the civil war, have the plans all completed. It has been decided to dedicate a simple commemorative tablet to be placed on the west wall of the armory.

The ceremonies in connection with the dedication of this tablet will include a review of the cadet battalion by Governor Osborn. The dedication address will be delivered by Hon. Patrick Kelley.

Printed invitations have been issued to a large number of people throughout the state, and an effort will be made to bring to the college at this time as many civil war veterans as possible.

The exercises will be held Monday, May 29, at 4 p. m.

ENGINEERING SOCIETY.

A paper on "The Electric Welding of Rails" was given by C. P. Springer before the Engineering Society last Thursday evening. A discussion, lead by H. W. Schneider, followed, much interest being shown by those present. F. G. Culver gave a very good talk on "The Essentials of Good Illumination." These meetings are interesting and worthy of better attendance. All engineers should be present.

THE GRADUATE SCHOOL.

The Graduate School at M. A. C. in 1912 is assured. Dr. True, of Washington, was at the college on Friday, and at this time a committee of the faculty was called together, the situation discussed, and a tentative program arranged. This is a four-weeks' session, and will be held in July, 1912. This school is held alternate years. It was first held in Ohio, then at Illinois, next at Cornell, and last year, 1910, at Ames. This school is carried on under the auspices of the National Association of Agricultural Colleges and Experiment Stations. It is open to graduates only, and last year at Ames the attendance reached 230.

The teachers in charge of the work at these graduate schools are drawn from the faculties of the best institutions in the country, and usually include two or three strong men from abroad.

M. A. C. is fortunate indeed in securing this school for 1912.

NOTICE.

Those students wishing the advantages offered by the special car to the coast, leaving Lansing over the Grand Trunk to Chicago then to Ogden on June 5, will kindly hand names and western destination to A. G. Bovay, 13 B Wells or C. B. Baker, 3 F Wells. This should be done immediately.

ENGINEERING INSPECTION TRIP.

On Tuesday evening, May 9, thirty-eight senior engineers, with Professors Bissell, Sawyer and Vedder, left Lansing in a special Pullman sleeper en route to Pittsburgh. Full of spirits and in blissful ignorance of the hard work ahead, the party manifested a strong disinclination to retire early, but eventually eleven uppers and twelve lowers were in service. Wednesday morning early the train reached Pittsburgh. After breakfast at the Colonial-Annex Hotel, the party divided. Professor Vedder and the civil engineers spent the morning at the water works and filtration plant, where, by the combined actions of sedimentation and sand filtration, the city water which is taken from the turbid and otherwise unattractive waters of the Allegheny river was transformed into clear and limpid water remarkably free from pathogenic germs. In the afternoon this party visited the plant of the American Bridge Co., at Ambridge, some sixteen miles from Pittsburgh. The honors here were done by A. E. Falconer, '06, and other members of the company's staff in a thorough and interesting manner.

On the same day, the mechanical-electrical engineers visited the plants of the Westinghouse Electric and Mfg. Co. and the Westinghouse Traction Co. at East Pittsburgh. Mr. O. C. Post, '07, connected with the former company, guided the party through its plant. This visit lasted until mid-afternoon, with an interim for lunch as the guests of the East Pittsburgh club. This company builds electrical apparatus of all kinds, from electrical flat irons to electric locomotives, and the plant is impressive by its size and equipment. The visit to the latter company furnished excellent opportunity to observe the construction of steam turbines particularly, but gas engines, from auto-engines to producer engines of largest size, and steam engines of the well-known Westinghouse type were being built in considerable quantities. After returning to the city, the party visited the power plant of the Frick building. The provisions for heating, ventilating, refrigeration, water supply and elevator service of modern office buildings is here exemplified in a thoroughly up-to-date equipment.

On Thursday the entire party visited the Edgar Thurston plant of the Carnegie Steel Co., and the plant of the Universal Portland Cement Co. At the steel plant the principal product is steel rails by the Bessemer process. Some pig-iron is made, also, but most of the product of the eleven blast furnaces is taken without delay in the molten state to the Bessemer converters.

The cement company provided a special train to and from its plant. The cement is made from blast furnace slag and limestone, the former ingredient coming from the various

(Continued on page 4.)

ALUMNI

'70.

Geo. A. Farr, of Grand Haven, Mich., will deliver the Memorial address at the Soldiers' Home, on the 30th.

Dean L. H. Bailey's latest book, of the Rural Outlook Set, entitled "The Country Life Movement," is dedicated to Hon. Charles W. Garfield, '70, of Grand Rapids, in the following lines: "To Chas. W. Garfield, Seer of Visions, Prophet of the better country life, I dedicate this budget of opinions."

'78.

The recent number of the *Purdue Agriculturist* contains an article by Prof. James Troop, of that institution, on "A Brief History of Horticulture at Purdue." Beside Prof. Troop, '78, who is head of the Hort. Dept., Purdue has three other M. A. C. men in this same department. W. C. Latta, '77, Chas. Woodbury, '04, and Jesse Boyle, '08. On the cover page of the magazine is an excellent likeness of Prof. Troop.

'81.

Byron S. Palmer is a manufacturer of medicinal malt extracts. His address is 74 Jackson st., Palmyra, N. Y.

'93.

B. F. Bain is proprietor and manager of the Wolverine Manfg. Co. at Allegheny, Pa. On the recent inspection trip some of our engineers called on Mr. Bain, and were shown through his plant. He manufactures a great variety of sheet metal novelties.

A. B. Cook, of Owosso, has an excellent article in a recent issue of the *Michigan Farmer* on the farm home and its furnishings. An excellent cut of the exterior of the home is presented on the cover page, and a picture of the living room is also presented. Mr. Cook believes in making his farm home as convenient and attractive as the city dweller's, and, in addition, does not have the undesirable features of the latter.

'95.

A. C. MacKinnon, '95, was a college caller the past week. Mr. MacKinnon is a member of the firm of MacKinnon Mfg. Co., Bay City. General Engine and Boiler work is a specialty of the firm.

Clay Tallman has been, for the past four years, engaged in law practice and in mining at Rhyolite, Nev. He is at present a member of the Nevada state senate, chairman of the democratic state central committee, and president pro tem of the state senate at its last session. Mr. Tallman sends very best wishes for the continued growth and prosperity of the old college.

'97.

I. L. Simmons is a bridge engineer with the C. R. I. & P. Ry., at Wilmette, Ill. Residence address, 702 Greenleaf ave.

'99.

C. F. Austin, vice president and general manager of the Cuba Fruit Exchange, is spending a few weeks at South Haven, Mich., and writes that he will be at M. A. C. commencement time.

'04.

W. W. Daniells, emeritus professor of the University of Wisconsin, is carrying on fruit orcharding in central Florida.

'05.

Fred S. Dunks, for six years laboratory assistant in the dairy and food commission, has taken over the management of the old home farm of 200 acres near Union City, Branch county.

'06.

221 Minna Street,
San Francisco, Cal.
May 15, 1911.

M. A. C. RECORD,

East Lansing, Mich.

Dear Editor.—Having changed my location recently, I write now to have my paper forwarded to the above address. I miss it very much since leaving Twin Falls, Idaho.

On my way here I visited Portland and Seattle, calling on several of the old M. A. C. boys in those towns. There are quite a number of the boys here, but as yet I have only had opportunity to call on one of them, A. C. Redding, of the class of '83.

I am at present employed by The Water and Wind Power Co., of this city, and we are getting out new types of pumps, windmills and water turbines for use in irrigation work on boats, power plants, etc. I am serving in the capacity of mechanical engineer, and have the responsibility of getting out the new machines. I enjoy my work immensely.

With best wishes to the RECORD, and to the college for its success, I remain,

Very sincerely,
T. F. LOCKE.

'07.

Philip Goldsmith is at present on a trip to Cuba. As his address does not remain constant, his mail should be addressed, 961 Hepburn street, Williamsport, Penn. Occupation, chemist.

'08.

M. J. Dikeman is with the Empire Bridge Co., Brooklyn, N. Y. Residence at 149 Milton street.

H. M. Conolly, formerly with the Baron de Hirsch School in New Jersey, is now teaching horticulture in the Alabama College of Agriculture, Auburn.

'09.

Myron Ashley has resigned his position with the Mancelona Chemical Co., and will go west on account of ill health.

F. K. Webb is with the Converse Bridge Co., of Chattanooga, Tenn., and has recently received a substantial increase in salary. Mr. Webb's work is that of detailing and designing.

The M. A. C. RECORD

PUBLISHED EVERY TUESDAY DURING THE COLLEGE YEAR BY THE MICHIGAN STATE AGRICULTURAL COLLEGE

B. A. FAUNCE, MANAGING EDITOR

SUBSCRIPTION - 50 CENTS PER YEAR

Entered as second-class mail matter at Lansing, Mich.

Remit by P. O. Money Order, Draft or Registered Letter. Do not send stamps.

Address all subscriptions and advertising matter to the M. A. C. RECORD, East Lansing, Mich. Address all contributions to the Managing Editor.

Business Office with Lawrence & Van Buren Printing Co., 210-212 Grand Ave., No., Lansing, Mich.

TUESDAY, MAY 23, 1911.

HORT. CLUB.

Mr. James Satterlee of the Class of 1869
Speaks on Western Fruit.

At the regular meeting of the Hort. Club, last Tuesday evening, Mr. James Satterlee, of Lansing, gave a very interesting talk on southern and western fruit and real estate. Mr. Satterlee has made several trips to the west, and while there noted the things of interest to a horticulturist.

The Mandarin oranges found at New Orleans are very plentiful, but are not of such good flavor and quality as the navels found near Los Angeles. The Navel oranges at Los Angeles are very cheap, on account of the fact that those on that market are selected as not fit to be shipped. The first oranges to be had on the market there, are those which come from the warm valleys in the northern part of the state.

The lemon industry is a very promising one near San Diego. Grapes are now grown in southern California, on land which was formerly considered unfit for such purposes. Cherries and the Gravenstein apples grow remarkably well near Santa Rosa.

Orange lands are worth, in some sections, \$3,000 an acre, whereas they formerly sold for a very small sum. The country near Santa Barbara is used more for residences than for fruit growing. One cause for the value of land in that part of the country is the attractiveness of it. Easterners who go west are willing to pay a high price in order to obtain a beautiful view.

Farmers' institutes and clubs are the safest place to find out about the true conditions of land and fruit. Practical problems are discussed in these meetings which one would not meet with in any other way.

RESOLUTIONS.

Whereas, It has been the will of our Heavenly Father in His infinite wisdom to take from our midst our fellow classmate, Clayton T. Stevens, be it

Resolved, That the sub-freshmen class extend to his relatives our heartfelt sympathy in this sorrow, and be it also

Further Resolved, That a copy of these resolutions be inserted in the *Holcad* and M. A. C. RECORD.

OTIS G. PRINGLE,

LYLE E. BELKNAP,

A. TILLMAN,

Committee.

'10.

C. E. Smith is now with the Western Michigan Development Bureau a horticulturist, with headquarters at Traverse City.

MAY FESTIVAL

The eighth annual May Festival of the Michigan Agricultural College was held Friday afternoon and evening, May 19, in the pavilion of the agricultural building.

The afternoon program was miscellaneous in character, and showed, to good advantage the artists' voices in well chosen selections. The program opened with the final chorus of the "Rose Maiden," Mr. Young leading in the tenor part. Mr. Young has a well trained, pleasing voice of good quality. In the solos, "I Hear You Calling Me," "From the Land of the Sky Blue Water," and "Before the Dawn," he pleased his audience to such an extent that he was obliged to respond to an encore.

Miss Fiske quite captured the hearts of her audience with her rich, well-modulated voice. She sang in a very sympathetic manner, especially in her encore "Annie Laurie," when scarcely a dry eye was left in the audience. Mrs. Margaret Berry-Miller showed wonderful range and execution in her rendition of the difficult Bell Song from "Lakme," by Delibes. The lyric quality of her voice was especially fine in this number.

Mr. Howland, who is undoubtedly one of the best known baritones in this part of the country, fulfilled the expectations of his audience on this occasion.

A fitting close to the program was the well-known quartet from Verdi's *Rigoletto*, in which the voices blended exceptionally well. Mrs. Minnie Davis Sherrill, who presided at the piano, is an accompanist of rare ability. By her well balanced playing she sustained the enviable reputation she has made for herself in former years.

A large audience gathered in the evening to hear Handel's "Messiah," given by a chorus of 200 voices, assisted by the soloists who appeared in the afternoon.

Great credit is due to Mr. Fred Killeen for the manner in which he handled this chorus of untrained voices so that they were able to present the most difficult choruses from the oratorio with the utmost ease and freedom. The enunciation was so clear that every word could be heard in all parts of the auditorium. Particularly effective were the choruses "For Unto Us A Child Is Born," and "Lift Up Your Heads," but the most effective of all was the wonderful "Hallelujah" chorus.

The soloists repeated the triumph of the afternoon, but lack of space prevents us from giving a lengthy review of the various numbers. But we must mention the air "He Was Despised and Rejected of Men," given by Miss Fiske; "Comfort Ye My People" and "Every Valley," by Mr. Young; "The People Walked in Darkness" and "Why Do the Nations," by Mr. Howland, and Mrs. Berry-Miller's solo "I Know that My Redeemer Liveth."

Mrs. Sherrill and Miss Freyhofer deserve great praise for the able manner in which they supported the soloists and the chorus, giving all the proper setting for the oratorio.

This festival was undoubtedly the most successful one ever given at M. A. C.

M. A. C. plays a return base ball game with Alma today.

M. A. C. WINS MEET HANDILY.

In the triangular meet, Saturday afternoon, M. A. C. won easily, securing 60 points as against Olivet's 42 and Alma's 24. The day was ideal for the occasion, and the events were worthy a larger attendance.

In the discus, Blue broke his own 1910 record by nine inches, and Geib, winning the mile in 4" 42 4-5', broke Oviatt's record of '09, which was 4" 43 2-5'.

The points scored 5 for first, 3 for second and 1 for third. Three men entered for each event, but only two were allowed to compete.

The points were divided as follows:

	1st	2nd	3d	Tie	Totals
M. A. C.	5	10	5		60
Olivet	6	1	5	1	42
Alma	2	2	4	1	24

EVENTS AND WINNERS.

Contestants given in order of places won:

100 yd. dash—Marks, of Alma; Hill, M. A. C.; Loveland, M. A. C. Time, 10 2-5.

Running broad jump—Osborne, Olivet; Friar, M. A. C.; Kefgen, Alma. Dist., 21 ft. 5 1/2 in.

Two-mile run—Tillotson, M. A. C.; Geib, M. A. C.; Ransom, Olivet. Time, 10-14.4.

120-yard hurdle—Webber, Olivet; Friar, M. A. C.; Drew, M. A. C. Time, 17-8.

High jump—Lord, M. A. C.; Bateson, M. A. C.; Kefgen, Alma. Height, 5 ft. 6 1/2 in.

Half mile run—Powers, Olivet; Chamberlain, M. A. C.; Brown, M. A. C. Time, 2-8.

16 lb. shot—Day, M. A. C.; Edgerton, Alma; Blue, M. A. C. Dist., 38 ft. 3 1/2 in.

220 yd. hurdle—Webber, Olivet; Harwood, Alma; Garvey, M. A. C. Time, 26-4.

440 yd. dash—Powers, Olivet; Hill, M. A. C.; Ayers, Alma. Time, 53 sec.

Pole vault—Kefgen, Alma and Rider Olivet tied for first; Jarvis, Olivet, third. Height, 10 ft. 3 in.

16 lb Hammer—Rider, Olivet; Misuel, Alma; Gilbert, M. A. C. Dist., 111 ft. 1-2 in.

220 yd Dash—Marks, Alma; Drew, M. A. C.; Osborne, Olivet. Time, 22 3-5.

Discus—Blue, M. A. C.; Rider, Olivet; Amtsbeuchler, Olivet. Dist., 114 ft. 2 in.

One mile run—Geib, M. A. C.; Tillotson, M. A. C.; Ransom, Olivet. Time, 4 42 4.

OFFICIALS.

L. P. Jocelyn.....	Starter
Dimmick.....	Clerk of Course
Sorenson.....	Scorer
Scriber.....	Announcer
Lieut. G. M. Holly	Timers
Sanford	
Dickinson	
Mr. H. Rosa	Judges
M. F. Johnson	
McWilliams	Referee
Campbell	

'09

Mr. and Mrs. W. L. Bowdish, 212 West Ionia St., Lansing, have announced the coming marriage of their daughter, Charlotte Francis, to Mr. Briggs L. Clark, class of '09. Mr. Clark is engaged in engineering at Schenectady, N. Y. The wedding will take place the latter part of June.

'10.

Glen P. Burkhart is draftsman for the Detroit United R'y Co., with address at "The Madison," Warren and Woodward aves., Detroit.

ARTS AND CRAFTS EXHIBIT.

The arts and crafts exhibition by the department of drawing last week was visited by a large number of college people, and thoroughly enjoyed. The exhibit included many original drawings and designs, covering practically the entire field of this interesting subject. In drawing, plants, flowers, pottery, furniture and sketches from life were presented, while in the designs there were patterns for wall paper, rugs, draperies and house decorations. All were instructive, as well as very interesting. The exhibits were from the Pennsylvania Museum and School of Industrial Art, at Philadelphia.

In addition to the above was the exhibit of cartoon sketches, by Miss Snellgrove. Various members of the teaching force had been "caught" in some characteristic pose and the sketch completed later on. The collection was the cause of much merriment on the part of the visitors.

M. A. C. WON FROM CULVER.

LOSES TO WABASH.

CULVER VS. M. A. C.

M. A. C. won another victory in base ball Thursday, defeating Culver Military Academy, of Culver, Ind., 7 to 3. Pattison pitched the game, and the boys did good work, both at bat and in the field. Gorenflo's home run was the sensation of the day. The field was somewhat rough and springy, having recently been filled in, and proved quite unlike the home diamond.

The boys were given a real treat on this date, in watching a rehearsal of the "circus" produced by the school. About 60 horses were used, and bare back riding, Mexican and Indian fighting and fancy shooting were made prominent features. The governor of Ind. witnessed the first performance, and was so well pleased that he invited the show to come to Indianapolis for two exhibitions. This rehearsal, and the military tactics at this academy, were of great interest, and thoroughly enjoyed by the team.

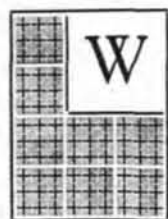
WABASH.

M. A. C. was shut out, for the first time this season, in a game with Wabash, at Crawfordsville, Ind., on May 19, the final score being 4 to 0.

The scoring started in the fourth, when Wabash bunched some lucky hits and sent three men home. In the following inning another run was made possible by Lambert's three-base hit and William's two sacker. Aside from this, Spencer held the Wabash players in fine shape. He was able to strike out 9 men to Myers 2. M. A. C. registered 3 errors and Wabash 4.

Wabash recently defeated the University 3 to 2, with Myers in the box.

M. A. C. students and college people generally showed their appreciation of our open air band concert on Wednesday evening. A large crowd gathered on the green near Dr. Bessey's residence, and every number of the concert was thoroughly enjoyed.



WE make a specialty of providing everything in the way of fine stationery, announcements, invitations, programs, etc. Our facilities are complete for Designing, Engraving, Printing and Binding Class Publications and College Annuals

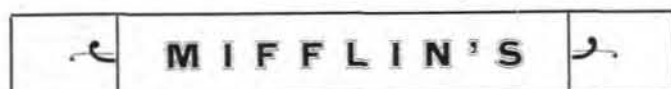
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ABOUT THE CAMPUS

V. T. Bogue, '11 has been doing landscape work at Howell the past week.

Guy Covell, '02, was a recent college visitor. Mr. Covell is farming near his old home town Whitehall.

Prof. Baker is attending the semi-annual meeting of the Yellow Pine Manufacturers, in Chicago, today.

B. A. Holden, '91, and L. W. Watkins, '93, were in Washington recently, representing the farmers of the state in their opposition to the reciprocity pact.

There will be no summer school for teachers at M. A. C. this season. An effort to determine the probable attendance at such a school did not meet with sufficient response to warrant same.

Herman M. Potter, who has been, for the past two years, instructor in chemistry at M. A. C., has a fellowship at Clark University, Worcester, Mass., and will spend the coming year in that institution studying for his master's degree.

The botanical department is about to establish a "weed bed" in the botanical gardens. A large bed is to be given up to 69 different kinds of weeds, including all of the varieties mentioned in the pure seed law. Each weed will have a small label, indicating how it is dispersed, what crops it is most troublesome in, and other points of interest. It is hoped that, in connection with Dr. Beal's bulletin on "Seeds of Michigan Weeds," this weed bed may prove valuable.

Field Agent O. K. White has begun the erection of a new house on College Heights.

H. N. Hornbeck, '04, science teacher at Traverse City, will teach in the summer school at Central Normal during the coming summer.

Miss Yakely will begin room assignments next week. Thursday will be the opening, and the juniors will be given the remainder of the week in which to select rooms.

W. F. Hopkins, with '93, now vice president of the Third National Bank of Buffalo, writes of his work very pleasantly, and believes the change recently made was for the best.

Instructor Gilson, of the forestry department, has received notification of his assignment in the U. S. Forest Service, Dist. No. 3, Albuquerque, New Mexico. Mr. Gilson took the examination this spring for the second time, in order to retain his connection with the U. S. Forest service. He spent the summer of '09 in the Kootenai national forests in Montana, and passed the civil service examination in 1910. He immediately received assignment to the Helena national forests in Idaho. Mr. Gilson's field experience has given him a very good understanding of national forest conditions in the northwest. While in the southwest during the coming summer he will collect dendrological and timber specimens, which will add greatly to the collection now on hand. Mr. Gilson will return for work at the college the coming year.

Prof. Eustace was at Ludington and vicinity the past week looking after cover-crop experiments.

Prof. W. B. Wendt has been appointed city surveyor of the city of East Lansing for the ensuing year.

Dr. Bessey has recently received three microscopes from Germany, which were ordered for the botanical department last December.

Dr. Bessey has received a quantity of "paddy" (unhulled rice), from Louisiana, and will plant it in one of the ponds in the botanical gardens.

"Tillie" Taylor, with '01, and a former College resident, made college friends a hurried visit recently. Mr. Taylor is an enterprising real estate man in the Dakotas, and is visiting friends near Kalamazoo.

A large consignment of apparatus for Botanical work in the Experiment Station has recently been received. The needs of the work and lack of room have made it necessary to transfer the Botanist of the Experiment Station from room 10 in the old part of the building to room 16 in the new.

The chemical department have had installed a new muffler furnace for gold and silver assay work in the assay laboratory, back of Wells Hall. Kerosene is used as fuel, and the furnace is proving very efficient and a great help, especially during the warm weather of the past week. Many of our graduates will remember the hard coal mufflers, and that the work over them on hot days was often beyond endurance.

Miss Adna Sloss, of Big Rapids a former M. A. C. girl, visited college friends over Sunday.

Mr. Schepers will soon begin the erection of a neat six-room house on his lot in Oakwood, near Judge Collingwood's.

Miss M. L. Canfield, of Lapeer, visited at the home of Prof. and Mrs. Eustace, and attended the May Festival last week.

Pres. K. L. Butterfield, of Massachusetts, was in Michigan last week, and paid a visit to his old classmate, Dr. G. A. Waterman, of Ann Arbor.

On May 19 the mercury reached the mark of 91 at 2 p. m. at the local weather bureau. This is the highest point reached on a May day since 1895.

Thursday of this week Lake Forest plays at M. A. C., and on Saturday St. Johns will be here for a game. The game with Lake Forest will be called at 4 p. m., sharp.

B. W. Keith, '11, Hort., has accepted a position as instructor in horticulture at the Winona Agricultural College, Winona, Ind. The duties will occupy his time eight months in the year, and the salary will be \$112 per month. The balance of the time Mr. Keith will spend on his fruit farm, near Sawyer, Mich. The salary is an especially tempting one for the start, and Mr. Keith is to be congratulated. Winona, on the other hand is to be congratulated, also, in securing one of our best Hort. men.

ENGINEERING INSPECTION TRIP.

(Continued from page 1.)
steel mills of the district. The daily capacity is 14,000 barrels.

Mr. B. F. Bain, '93, and G. W. Nichols, '05, who are located in Pittsburgh, contributed, by their suggestion and presence with the party, to the pleasure of the stay in Pittsburgh.

At 10:45 p. m. the party left for Buffalo in a special Pullman via the Penn. R.R. On Friday, after breakfast in Buffalo, the party proceeded to Niagara Falls. The morning was given to a visit to the mill of the International Paper Co., whose entire product is newspaper stock made from wood pulp. The grinding is done by water power from the Niagara river, and the finishing by steam power. In the afternoon the American and Canadian plants of the Niagara Falls Power Co. were inspected. This company supplies much of the Niagara power used in Buffalo. The turbines range in capacity from 5,000 to 14,000 H. P. The generators rotate horizontally on the upper end of the turbine shafts, which are located in pits about 140 feet below. The water is supplied to each wheel by a steel penstock, and the discharge is into a tail race tunnel, which discharges below the falls. In the plant of the Niagara Hydraulic Power Co., visited by some of the party, the penstocks are carried down the face of the cliff to the turbines, which are located, together with the generators, in a power house close to the water's edge, below the falls.

On Saturday morning the party took the "gorge route" trip to Lewiston, down on the American side, and up on the Canadian side. This gives splendid views of the falls, rapids, river, and the locations of the various power plants.

Mr. E. P. Safford, '91, with the Lake Shore R. R., came up from Buffalo to meet the party, and Mr. Dales, '03, with the Niagara Hydraulic Power Co., reported at the headquarter's hotel, The Imperial, and piloted several of the party through the plant of his company. The program allowed considerable time for sight seeing at the falls. Saturday afternoon the party returned to Buffalo, and visited the Buffalo Dry Dock Co. In the yards are three large dry docks, one of which can handle, and was in fact occupied by a 600-foot lake freighter. A portion of the party, with Professor Sawyer, visited the principal sub-stations of the Buffalo General Electric Co., where Niagara Power is received for distribution to the street railway and other consumers.

At six o'clock the party took the home stretch by leaving Buffalo for Detroit on the steamer Western States, which arrived at 8 o'clock Sunday morning. The members of the party proceeded to Lansing by trolley or train. It is rumored that the boat trip is very restful.

Mrs. King royally entertained the Sororian girls Saturday evening, May 13th, in honor of her niece, Bertha Juneman. The rooms were decorated with flowers, and the spirit of spring invaded every nook. Each one was sorry when the hands of the clock pointed to the hour bidding them back to the building.

Floyd W. Robison, '98, paid college friends a brief visit recently.

Miss Louise Norton, '12, of Howell, received a visit from her mother, the past week.

The page proofs on the new catalog has now been read, the matter has been returned to the printers, and the catalog should be ready for distribution within a week.

Florence Harrison, '10, was a college visitor over Sunday. Miss Harrison is teaching domestic science in the Adrian school for girls.

C. E. Walter, former East Lansing photographer, has returned for the summer. Mr. Walter has been spending the winter in Tennessee, Alabama, and on the coast, and was quite well pleased with the south.

This year's graduation class will be the largest in the history of the institution. There will be practically 125 members, divided approximately as follows: Agricultural and forestry, 50; engineering, 50; women, 25.

The members of the Sororian Literary Society gave a reception in honor of their honorary members and friends, Saturday afternoon, May 20th. Music added to the pleasure of the occasion. Light refreshments were served.

The marriage of Myron Cogsdill, with '11, and Miss Ruby Loomis, '10, in New York, on May 20, is announced. Mr. Cogsdill left at once for Brazil, where he will join his brother, who is in business there. Mrs. Cogsdill will follow later.

The spring term military has come and gone, and was thoroughly enjoyed by all who attended. Fischer's orchestra furnished excellent music, and the various feature dances were received with enthusiasm. Red, white and blue bunting, with plenty of flags, stacked arms, etc., presented a truly military effect. The patrons were Dean and Mrs. Bissell and Dean and Mrs. Lyman.

A delightful German party was held at the home of Mrs. Robinson, Albert avenue, Wednesday evening of last week. The conversation was carried on in German, and German songs were sung. Mrs. King sang several solos in German. Refreshments were served, and the evening passed very pleasantly. About 25 persons, including teachers and advanced students in German, made up the party.

The North Dakota Agricultural College holds its 17th annual commencement June 2. In a neat booklet, mailed by this institution, is published the announcement, program of exercises, and also a narrative of the growth of the North Dakota Agricultural College. An interesting history of the institution since its organization is given, and the comparison shows a splendid growth. Pictures of the first college faculty are presented, and among the seven members on this force are three M. A. C. men. These were C. B. Waldron, '87, professor of horticulture; T. D. Hinebaugh, '85, professor of veterinary science; H. W. McArdle, '87, professor of mathematics and registrar. Profs. McArdle and Waldron are still in North Dakota. The faculty of that institution numbers 63, with an annual enrollment of 1200 students.

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