NONESUCH BROTHERS' CIRCUS.

As stated in last week's Record the big circus of the Nonesuch Brothers will make their third annual visit to M. A. C. on Saturday, April 6, 1907. The show promises to be larger and better than last year, and everyone will, of course, want to see it. The parade will be especially good as a great amount of time has been spent in getting the motorized float ready. A free exhibition is also to be given on the show grounds immediately before the performance begins. A large feature will be erected at the end of the armory for the side shows and menagerie. There will be performances both afternoon and evening with 'concert attachment,' and almost an entire change of program may be expected. The various booths will be in evidence as the 'country people' will not want for 'dime, pennants and red lemonade. The parade will be in line soon after one o'clock. Come early and see it all.

Y. M. C. A.

At the beginning of the spring term the new officers for the association take their positions in the Y. M. C. A. building. Mr. Bissell has been instructor in experimental engineering since 1891 and has made a large acquaintance among practical engineers and teachers of engineering in this country and in Europe, and has become a contributor to various of the above societies and to the technical press. He has also traveled extensively in this country and in Europe, and has a large acquaintance among practical engineers and teachers of engineering. Prof. Bissell comes to M. A. C. with the very best of recommendations. With a large and new building our engineering department will surely be on an excellent footing. Mr. Bissell has been spending several days at the College this vacation, and will take up his work and residence here probably about the first of July. He will live in the house on Faculty Row, formerly occupied by Prof. Wel. The following paragraph is taken from the Alumnus Intelligencer (Iowa) under date of Thursday, March 7: "Prof. Bissell's loss will be keenly felt by the college and people of Iowa. He is one of the best men in the engineering faculty, and has been a great favorite with students. While his many friends here wish he might remain, they will join hands in wishing him success in his new field."

and speaking more than repaid us for what effort we may have made. Whether the people of Clayton have been benefited, or the Lenawee county Y. M. C. A. derived any good from our visit cannot be determined. Perhaps the most notable feature of the trip was the great assistance rendered by Mr. F. R. Hurst and Miss Nelle Springham, former Alma graduates, and we are sure that certain members of the party will not soon forget this pleasant vacation experience.

BASE BALL.

The prospects for a winning base ball team are as good as ever, although the absence of Boeckh and the young men catcher will have to be developed. This, of course, will be the hardest position to fill. There are, however, several catchers in school in the class teams from which to draw, and the Athletic Committee, promising of whom in Crainey, '10. We also have Capt. Caruth, one of the best college catchers in the country to fall back upon in case a suitable candidate cannot be found. He has played second base three seasons and can hardly be spared from the infield. Of other old players we have Kratz and Ellis, Thatcher, and Dickson. For pitchers there are Nies, Albers and Shaffer. The first game of the season is scheduled at Olivet for April 12. The most interesting perhaps of all the games will be the ones with the U. of M. April 18-20, and on May 29.

The following is a draft of the schedule which will be presented to the faculty for acceptance: April 13, Olivet at Olivet. "18, '06, of M. A. C. at M. A. C. " 26, Aluma at Aluma. May 9, De Pauw at Greendale. " 15, Hillsdale at N. D. " 6, Kalamazoo at Kalamazoo. " 11, Aluma at Aluma. " 13, Hillsdale at M. A. C. " 18, Hillsdale at Hillsdale. " 26, M. A. C. at Aluma. " 29, of M. A. C. at M. A. C.

COLUMBIAN.

A very enjoyable vacation party was given in the Columbian rooms last Friday night by the young men who spent their holidays at college. Splendid music by Mr. Baker, a delightful moonlight night, and a full and crowded crowd were factors which made the affair a success. Dancing began after eight thirty and lasted until twelve so that the downtown guests could catch the last car. Mr. and Mrs. Dusenbery left the evening by another car.

Rev. Horace Cady Wilson, of the First Presbyterian church, will speak in the chapel Sunday morning.
TUESDAY, APRIL 2, 1907.

SOCIETY OFFICERS FOR THE SPRING TERM.

ALPHA ZETA.
Chancellor, W. B. Líverance.
Censor, O. K. White.
Soror, F. M. Basher.
Registrar, W. A. Hopson.

ACROBÈ.
President, L. J. Myers.
Vice President, H. J. Alvarez.
Secretary, K. E. Wilson.
Treasurer, J. W. Baldwin.
 Sergeant-at-Arms, A. M. Chadlon.

Record Editor, M. E. Weisley.

COLUMBIAN.
President, W. E. Piper.
Vice President, C. W. Edwards.
Secretary, R. W. Taylor.
Treasurer, M. W. Ort.
Record Editor, J. R. Díez.

President, G. G. Dudley.
Vice President, G. B. Hayes.
Secretary, T. A. Butler.
Treasurer, R. B. Pratt.
Librarian, W. G. Rain.

Sophomores.
President, Helen Ashby.
Vice President, Allen Bayron.
Secretary, Irma Hinselberger.
Treasurer, Minnie Johnson.

New Engineering Building.

The above half-tone shows the new Engineering Building being erected at this time. As will be seen, the building is five stories in height and will be altogether perhaps the handsomest one on the campus. The fifth story with its skylights will make excellent drawing rooms and in fact there will be very few unpleasant rooms. There will be commodious quarters for the departments of Mechanical, Civil and Electrical Engineering; the buildings contain something like forty class rooms and laboratories.

At the present time the heating system is being installed. The picture was taken from a point just north of the east end of Wells Hall.

One must be said, however, that the final result of much preliminary work of fine character performed by Prof. Towner of the chair of forestry at the state university, one of the most important, by the way, in the curriculum of the university, and one too often overlooked by those who speak of the splendid work the university is doing for the protection of the best material interests of the state.

In December last Prof. Towner published a treatise on forestry in its relation to the welfare of the state which was issued as one of the last publications of the university through the assistance of the state forestry bureau at Augusta. This admirable treatise of Prof. Towner takes up the general question of forestry conservation, showing the value of forests and forests in and out of the state; the causes and extent of forest fires, many of which might be prevented, telling what other states are doing in forestry economy, showing the need of a forestry association in Maine and the classes to be benefitted by its work.

"Large numbers of this bulletin were sent out all over Maine. As a result of this work, more than 100 replies have been received from persons who wish to be enrolled as charter members of the proposed state association."

THE DEPARTMENT OF AGRICULTURE AND THE RURAL SCHOOLS.

Realizing the need of better education along agricultural lines the national department of agriculture has been devoting some effort toward the promotion and organization of agricultural high schools, consolidated with common schools to secure a high state of prosperity and advancement in rural life. Present indications are that the investigations of this department are favorable, some move may be made in the near future toward the general introduction of elementary agricultural instruction in the common schools of the country from this source. While a scheme of this kind would seem to be somewhat impractical and unwise, yet, if the value of such instruction in case it could be conducted along right lines can scarcely be estimated. It would seem, however, that this work could be best inaugurated under the several state educational systems, with the aid and co-operation of the agricultural colleges and experiment stations. In this way the national department might extend valuable aid through the experiment stations and the work be made to conform with the regular school work carried on under the great educational problems of the day, and its solution along practical lines should be accomplished with a generation if the agriculture of our nation is to keep pace with the increase in population which will inevitably occur within that time. Something of this kind is needed to entice our young people with the possibilities and attractions of the farm.—Michigan Farmer.

FLOWING WELLS AND WATER SUPPLIES OF MICHIGAN.

Two valuable reports on the flowing wells and municipal water supplies of the southern peninsula of Michigan have just been issued by the United States Geological Survey, Water Supply and Irrigation Papers No. 182 and 183. The investigations made by the water resources branch of the geological survey show that there are about 200 districts scattered all over the state in which water may be obtained without pumping. These districts are described in detail and their essential characteristics, present state of development and probable capacity for future development are fully discussed. The quality of various classes of waters both surface and underground, as well as water supplies of villages and cities, has also been given attention.

In addition to the detailed discussion of water conditions, each of these reports, which may be obtained on application to the director of the United States Geological Survey, Washington, D. C., contains a general map showing the location of the areas in which flowing wells may be obtained and many diagrams showing the position of wells and the artisan conditions in particular areas. Each of the reports mentioned is complete in itself. Water Supply Paper No. 182 "Flowing Wells and Municipal Water in the southern portion of the Southern Peninsula of Michigan," contains a description of the conditions in the area south of the northern borders of Ottawa, Kent, Montcalm, Clinton, Ingham, Washtenaw, Oakland, and St. Clair counties. In Water Supply Paper No. 183, "Flowing Wells and Municipal Water in the southern portion of the Northern Peninsula of Michigan," contains a description of the conditions in the area south of the northern borders of Ontonagon, Kent, Montcalm, Clinton, Ingham, Washtenaw, Oakland, and St. Clair counties. In Water Supply Paper No. 181, "Flowing Wells and Municipal Water in the southern portion of the Northern Peninsula of Michigan," contains a description of the conditions in the area south of the northern and middle portions of the Southern Peninsula of Michigan. In Water Supply Paper No. 180, "Flowing Wells and Municipal Water in the southern portion of the Southern Peninsula of Michigan," contains a description of the conditions in the area south of the northern and middle portions of the Southern Peninsula of Michigan.
Secretary Brown spent a couple of days at Schoolcraft the past week.

A. H. Freyer, of Fremont, was the guest of his brother-in-law, ye editor, over Sunday.

Several of the small pines north of the postoffice are being removed to other parts of the campus.

M. A. C. has won the mile relay race five years in succession, the 1906 team holding the record.

Saturday will be a big day at M. A. C. when the circus arrives. Let's all go and "see it unfold." F. H. McHatton, '07, has returned from his southern trip and will resume his studies this term.

Instructor Foster and his senior students have been busy making cheese during the spring vacation.

Mr. and Mrs. Wilcox, Mrs. Bogues' father and mother, are visiting their son in Columbus, Ohio, for a few weeks.

Miss Kate Cook, '05, spent an hour at the College on Saturday. She is enjoying her work in Saginaw very much.

The Forestry Department is taking advantage of the good weather and planting an acre of trees on the east end of No. 19.

President Snyder has been requested to read a paper at the meeting next July of the National Educational Association.

And now we're on the "home stretch." Tell your friends about the semi-centennial and that they can't afford to miss it.

The Hort. Club plans to give an informal reception on Wednesday, April 3.

Mr. John F. Nellist, of Grand Rapids, will speak before the Hort. Club April 10. His subject will be "Opportunities in Greenhouse Horticulture."

Miss Lois Newlon who took special work during the winter, will resume her work at the State Normal this spring.

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The State Board of Agriculture held its regular meeting in the State Board Rooms at the College Wednesday, April 3.

Mr. Thomas Farmer, of Grand Blanc, and Mrs. B. B. Cole, of Battle Creek, are visiting at the home of Instructor and Mrs. Sanford.

Mr. L. H. Bailey, Corunna, is getting out a cyclopedia of agriculture and has sent Prof. Bogue several articles for inspection and correction.

The cinder track on the athletic field was put in excellent condition during vacation. The rains prevented finishing the work on the diamond.

Miss Helen Ashley. Mr. Ashley had been ailing all winter and grew much worse just before vacation, when both his son and daughter were called home.

A letter from Prof. Fletcher's brother states that Mr. McGugan arrived safely. Mr. Fletcher immediately sent him to a friend at Mesa Grande, which is about 1,000 feet above sea level. Here he will remain for a few weeks until strong enough to work when he will go out on the ranch of Mr. Fletcher.

Prof. Fletcher and Mr. Gunson visited the greenhouses of E. M. Strong, Grand Rapids, recently to look after the experiments on sterilizing and sub-watering lettuce soil. The experiments carried on are very satisfactory, and the growers are taking a keen interest in the subject of sterilization for the prevention of disease.

The trees and shrubs on the campus infested with the San Jose scale were sprayed with the lime-sulphur wash last fall and the dose was repeated last week. There is now little danger of its spreading. About five-sixths of all the plants infested are the Japanese quince. It is the purpose to remove the most of these at the end of the season, as they are a constant source of infestation to other plants. The orchards have all been covered with the same spray.

The Hort. Club plans to give an informal reception on Wednesday, May 29, to graduates and friends of the College who are interested in horticultural work and who are here for the celebration. It is hoped that among others the following men will be present and say a few words in reminiscence of horticultural work at M. A. C.:


When you are considering the Hat question, naturally you cast about for the place where you can get the latest styles and best quality. You may not know it but we feature that department of our business and are always in position to show you the latest creations. Same applies to our CAP STOCK, in fact you will find all the latest fashions at Mifflin's.

Miss Lulu Newlon who took special work during the winter, will resume her work at the State Normal this spring.

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The cinder track on the athletic field was put in excellent condition during vacation. The rains prevented finishing the work on the diamond.
The above report is authentic so far as the department has been able to secure the data. If any one has knowledge of records better than those given it is hoped that they will report same and the correction will be made. A history of M. A. C. athletics is being gotten into form and it is desired, of course, to have every item correct and the honors placed where they belong.

**BIRD ARRIVALS.**

March 22, 1907, first phoebe and first mourning dove; March 23, first flicker or golden-winged wood pecker; March 24, a notable increase in the number of golden-crowned kinglets. (Since a few of these without it was not possible to note the arrival of the first migratory March 25, first lesser yellowlegs, first few females of golden-red winged blackbirds; March 26, first cowbirds, male and female, first field sparrows, first vesper sparrows, first chiewkins or towhees (males only), first cedar bird or cedar waxwing, first marsh hawk, first hermit thrush. On this day also the first completed nests were found and a considerable number of white-bellied swallows were seen. The blackbird migration was also at its height, thousands being seen during the day. March 30, first fox sparrow and first winter wren, although the latter species occasionally winters here.

After many years of patient waiting it begins to look as though we were about to realize our fondest hopes in the shape of the street railway. The tie guards hanged fences set back, grading commenced and an air of business seems to hang over the line this side of town.—**Hesperian Star,** April 30, 1894.

Just look over the list of base ball games and decide whether or not you can afford to miss any of them.

All after is said and done Hillsdale is still the real winner in the recent State Oratorical contest.

The farm department is setting posts in the big yard north of the barns where a park will be kept up.

The fair lane will soon be a beautiful place to stroll!

The closing of school for the winter term was an excellent one—nothing much the matter with the opening of the spring.

Have you taken a look at those incubators? A batch of about 90 per cent. is hatching by one hand led by Mr. Copson.

Quite a lot of work has been done on the plat of Mr. Eltinger west of the College to get it into shape for building lots.

**ELGIN WATCHES AND ALL OTHER KINDS OF WATCHES, CLOCKS, JEWELRY**

Repairing in a workman-like manner.

**H. P. PIPER**

Will be at the M. A. C. Book store from 4 to 6 p.m. to receive and deliver work.

**All Work Warranted.**

**ALL MEALS.**

May look alike to you, but there is a very great difference in the quality we handle and that sold by some other markets. We handle none but the very best. Like the pudding, the proof of good meat is to the eating. A trial will convince you that you ought to trade with us. We stand behind our cook in the College. All orders filled promptly. Careful Attention given to Pigeon orders.

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**THE JEWEL & KNAPP STORE.** Dry Goods. 228 East Washington Ave. N.

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**CAPITOL ELECTRIC CO.** Regular supplies, Telegraph, Telephone and Telephones, 11-13 Wash Ave., N.

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**ELGIN MISHNE—Ladies' and Gentlemen's Furnishing Goods.** See ad.

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M. E. MILLER, Proprietor. Wash Avenue and Isnea Street. See ad.

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**REED'S HARDWARE—General Hardware, Nuts and Bolts, Cigars, Tobacco, etc.**

300 Wash. Ave. N. Smith. See ad.

**INSURANCE.**

**THE DYEY-JENISON-BARRY CO., LTD.**—Insurance Broker. All kinds of insurance business. Winsor agency is the best.

**M. A. C. Real Estate Agency.** All kinds of property sold at public and private sale, Life Insurance. Buildings property insured in corporations and private insurance written. Offices at Office Location Building.

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**MAE, A. HILL, Jewelers and Opticians, 111 Washington Ave. N., Lansing, Mich.**

**LEAVE your Fine Watches and Jewelry with us. It will pay you well to have us watch for you.**

**LAUNDRY.**

**THIS AMERICAN LAUNDRY selects a share of the work for G. M. M.**

221 Washington Ave. N., Washington Ave. N. Phone No. 126, Bell Phone 122.

**JOSEPH FOSTER, M. D., Eye, Ear, Nose and Throat.** Hours, 9 to 12 a.m., and 2 to 5 p.m., 83 Wash Ave., N. Phone, office 52; residence, 245.

**PHYSICIANS.**


**JOSEPH FOSTER, M. D., Eye, Ear, Nose and Throat.** Hours, 9 to 12 a.m., and 2 to 5 p.m., 83 Wash Ave., N. Phone, office 52; residence, 245.

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**LEWIS SHIPLEY & CO.**—Lansing, Wash Ave. S., up stairs.

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**CHERRY, BROS.**—Pianos, Organ and every kind of instrument, the best in the line, 431 Washington Ave. North. Phone, office 275; residence, 261.


**P A L M E R'S.**—Dance Programs, Pictures, Frames. Fine Framing, 281 Washington Ave., N. Phone, office 56; residence, 420.

**STAMP LEATHERS.**

**H. MOORE, D. D. S. Office 41113 Hollister St. Lansing Ave. S. Lansing, Michigan.**

**S H I N E R'S NATIONAL DRUG STORE.**—Without exception, the best in the line. 300 Wash Ave. N., Lansing. Both in dormitories and private houses at lowest prices. Strongest agency in city.

**SUITS.**

**H. LARNED.—China, Glass and Lamps, 115 Washington Ave. North.**

**ALL MEATS.**

May look alike to you, but there is a very great difference in the quality we handle and that sold by some other markets. We handle none but the very best. Like the pudding, the proof of good meat is to the eating. A trial will convince you that you ought to trade with us. We stand behind our cook in the College. All orders filled promptly. Careful Attention given to Pigeon orders.

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