

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. II.

LANSING, MICHIGAN, TUESDAY, OCT 10, 1905.

No. 4

FOOTBALL.

NOTRE DAME 28—M. A. C. 0.

M. A. C. left Saturday morning for Notre Dame, where they played the catholics that afternoon. At the beginning N. D. picked off to Doty who fumbled the ball, N. D. securing the same on our 20-yard line. M. A. C. held them for downs and ran the ball back to the center of the field. After each side had forced the other to punt a number of times, Burroughs made a bad pass to McKenna, the ball rolled to our 15 yd. line and N. D. secured it. From there by steady short gains they secured their first touch down, which occupied the first 13 minutes of the game. N. D. again kicked off to M. A. C., and after changing hands several times the ball was forced to N. D.'s 15 yd. line, when Small tried a place kick which failed. M. A. C. was within striking distance several times. N. D. finally punted to Small who fumbled the punt, N. D. securing the ball and making a run of 65 yds. He was then downed by Doty on the 10 yd. line. N. D. secured the second touch down as a result of the next play. During the balance of the half the ball was in M. A. C.'s possession and she had carried it to N. D.'s 3 yd. line when time was called.

In spite of the fact that N. D. secured two touchdowns in this half, M. A. C. played the better ball and gained more ground than did her opponents. The points won were the results of mistakes at critical times. N. D. was held for downs time after time, and M. A. C. was within striking distance of their goal line four times. In the second half N. D.'s weight began to tell and they secured three more touchdowns, two of them in the last ten minutes of play. Most of their gains were made by Beacom, their 250 pound captain, by steady pounding and short gains. Up to the last ten minutes M. A. C. gained as much ground as her opponents. N. D. weighed 25 pounds per man more than M. A. C., but was held for downs more times. M. A. C. was somewhat weakened by the loss of Kratz, which necessitated shifting Shedd to his position at half. For M. A. C. McKenna's punting and ground gaining was a feature. Shedd did splendidly in his new position and Small played a star game at quarter. On defensive Fisk was the star of the line. The *Free Press* notice from N. D. states that the team work of M. A. C. was fine and that Boyle and Holdsworth were the fastest ends ever seen on an N. D. field.

The line up: R. E. Boyle, R. T. McDermid, Frazer, R. G. Boomsliter, C. Burroughs, L. G. Fisk, Parker, L. T. Strand, Fisk, L. E. Holdsworth, Q. B. Small, R. H. B. McKenna, L. H. B. Shedd, F. B. Doty.

The foot ball team which came last Wednesday to play M. A. C. were supposed to represent the Port Huron Y. M. C. A. In justice to the association of that City, how-

ever, we must say that we do not believe the men playing on this team fairly represents the same. It is not often that so much "poor language" is heard upon our gridiron as was used during the game on Wednesday afternoon, nor do we believe it is justifiable in any game with any team. Surely then, such language was decidedly out of place when it was generally understood that this was a Y. M. C. A. team. We would suggest that the Association either send out players who are really Y. M. C. A. men or else change the name of their team.

M. A. C. 43—PORT HURON 0.

The above score tells the story of the 25 minute game on Wednesday with the Port Huron Y. M. C. A. While the individual playing was good on the part of the visitors, they were in no physical condition to play against such an aggregation as ours. Traverse, their captain and manager, was easily the star and did some very clever tackling. Port Huron played hard for the first five minutes after which it was simply a procession to their goal line. McKenna, Kratz, Shedd, and McDermid were the most consistent general gainers while Doty bucked the line successfully throughout the game. The visitors made their first down just once during the only half which was played. At other times they were thrown back for a loss whenever they had the ball. Eighteen M. A. C. men were tried out during the game as follows: C—Burroughs; R G—Boomsliter, W. H. Parker; R T—McDermid, Strand; R E—Boyle, Frazer; L G—Fisk, Meeker; L T—Shedd; L E—F. Parker, Bartlett; Q B—Small; L H B—Kratz, Kurtz; R H B—Capt. McKenna, P. McKenna; F B—Doty.

Touchdowns—Shedd, McDermid, McKenna (3) Kratz, Doty. Goals—Small (6). Safety, M. A. C. Referee—McLaughlin of Port Huron. Umpire—Hurst, M. A. C. Linesmen, Kurtz and Frazer M. A. C. Attendance 800.

The U. of M. all freshmen, will play here on next Saturday. The freshmen always put up the scrappiest and cleanest of games and while there is no rivalry attached so far as the inter-collegiate is concerned, it is always looked forward to with interest. Three years ago M. A. C. won from this team 2 to 0; two years ago the score was 11 to 0, and last year they were snowed under by 39 to 0. They will be exceptionally strong this year however, on account of the new rule which prohibits first year men from playing on the Varsity team. There are several very heavy men on their squad this year, who would no doubt have made the first team had it not been for the ruling made. They won from Ypsilanti 30 to 0. The game here will be called promptly at 3:00.

Mrs. Champ, who has been ill for several days, is reported much better.

DEBATING CLUB.

The question debated at the last meeting of the club was, "Resolved, that the concessions made to Russia by Japan at the Portsmouth peace conference were justifiable." The speakers were Dr. Edwards and R. C. Potts for the affirmative and Mr. Gunson and H. B. McDermid for the negative. The judges decided in favor of the affirmative. Mr. H. Kramer kindly acted as critic. The debate was exceptionally good and seldom, if ever before, has the student heard such an eloquent address as that delivered by Mr. Gunson in his opening speech.

The question for discussion next week is, "Resolved, that life insurance is a desirable investment."

Everybody is invited to these debates and it is hoped that a large crowd will be present.

Y. M. C. A.

To date the membership in the Y. M. C. A. numbers 202.

Mr. L. J. Smith with the help of Messrs. Warden and Carr conducted the meeting in the association Thursday. The subject "College Fellowship" was discussed by these three men after which it was taken up by several others. One student, a native of Bulgaria, spoke of the fraternal spirit shown in the Y. M. C. A. the world over citing incidents in his travels through Europe and America. He said that in France when he had not a friend to help him the Y. M. C. A. came to his aid and that on his arrival in America the association served as a home for him as for all other foreigners who would come to them.

You must consider yourself invited to the Union reception Friday evening.

Prof. C. D. Smith received the attention of a large congregation in the chapel Sunday evening when he gave his address on "Faith." Reasons why a student should continue steadfast in his faith throughout the course were advanced in a most convincing manner. A college course should strengthen one's faith in God. For the sake of those who have sent the student out of the home to the college he should keep the faith they have instilled into him. These were some of the ideas Prof. Smith impressed upon his hearers.

Have you joined a Bible class? Have not been asked! Call on E. N. Bates, room 27, Williams Hall, and he will find a place for you in one of the fifteen classes that are beginning the work in three different courses.

Y. W. C. A.

Mrs. Snyder talked to the girls on Thursday evening concerning Nishima, the Japanese missionary. In a very interesting way she gave the history of his early life, his education and the great Doshisho University established through his efforts.

ALUMNI.

'86.

William R. Rumler, of above class, was married to Miss Susan Grace Harding on Oct. 3, at Chicago. Mr. Rumler is attorney and counselor in patent cases.

'97.

George A. Parker has changed his residence from Wilkesburg, Pa., to 926 Packard street, Ann Arbor, Mich., where he can be reached by his friends.

'98.

Invitations are out for the wedding of Mr. F. V. Warren and Mary Hicks Baker, on October 19, in Philadelphia.

'99.

Thaddeus Libbey, '95-'97, has changed his address from Muskegon to Adams House, Waltham, Mass.

'02.

O. H. Skinner has changed his address from Chicago, Ill., to Wallaceburg, Ont. Mr. Skinner states that M. A. C. is represented in the above place by the following men: A. N. Clark, C. F. Jackson, J. Hanselman and W. B. Simons.

'01.

J. C. Green, with above class, writes from Chicago and sends in his subscription. He says, "There are several old M. A. C. men in the same office with me (C. R. I. & P. Ry.) and we all enjoy reading the RECORD very much." Mr. Green's private address is 6547 Normal avenue.

'01.

"Tillie" Taylor, with above class, is with the Araphoe agency, Wyoming, doing locating work. Mr. Taylor is 200 miles from a railroad on the Shoshone Reservation, and gets his mail about once each month. He enjoys his work very much.

'01.

Lawrence Gale, '97-'99, was drowned last fall while crossing Palmer Lake, N. H. He was helping move a saw mill from one of the islands to the main land. On returning he and his cousin, with several friends, started to cross the lake when the boat upset and all were drowned. The above news was taken from a letter written by Mrs. Gale to Bronson Barlow.

'02.

E. I. Dail called at the College Friday on his way to his old home in Holt, where he will spend a few days. He is traveling for Duroy & Haines, of Sandusky, and handles specialties in druggist supplies. His territory is Michigan, Indiana and part of Kentucky.

'06.

Miss Josephine Douglass, a special student in 1902-'04, has accepted a position as dietitian in the University Hospital, Ann Arbor.

THE M. A. C. RECORD.

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

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TUESDAY, OCT. 10, 1905.

ON ACCOUNT of the amount of matter which came to the RECORD last week, it was not possible to publish the names and addresses of the '05 class as promised. We publish the same this week and shall be grateful to any who will furnish addresses omitted or correct errors made in those given.

THE NOTICE concerning the M. A. C. Chorus was not intentionally omitted last week as we did not know of the same until nearly the entire proof had been read. This is certainly an important phase of our work and worthy of the consideration of all who can possibly join. By becoming a member of the class you not only aid in the work of the chorus, but receive the benefit of a good training in vocal music. The credits are also to be thought of.

SEVERAL of our new subscribers have called our attention to the fact that they have not received THE RECORD the past two weeks. In all cases where names were given us we have found that the same had been placed on our mailing list and there is no reason why the paper should not have been received. It is no doubt due to the reprinting of the mailing list which is necessary after a number of new names have been added. We believe no trouble of this kind will occur from this time on, but should there be, those who fail to receive the paper will please report to Miss Earle, in the Secretary's office, where a paper may be had, and the case looked after.

CLASS OF 1905.

The following is a list of names and addresses of the class of '05. We have endeavored to make this list as complete and as correct as possible. We were able to find something of nearly all the class and shall be grateful for information which will lead to securing names or addresses omitted.

Ethel Mae Adams has charge of the domestic science work at the Industrial school for girls, Adrian, Mich.

Arthur J. Anderson is on the staff of the Ohio Farmer (Lawrence Pub. Co.) at Cleveland, Ohio.

C. I. Auten is at present running a preliminary survey for the Chicago, Indianapolis & Evansville Ry., and is in camp near Martinsville, Ind.

Helen D. Baker is at her home near M. A. C.

R. Floyd Bell is drafting for the Whitehead, Kales Co. of Detroit.

Bessie E. Bemis is instructor in domestic science at M. A. C.

Franc C. Bennett is at present at her home in Lansing.

Bon C. Bennett has charge of the fourth grade work in the Larch St. school, Lansing.

Wilmer C. Bennett is with the American Bridge Co., located at Ambridge, Pa.

Zoe Benton is in the department of agriculture as seed expert, Washington, D. C.

John W. Bolte has charge of the department of poultry in the Utah Agricultural College, Logan.

Wm. M. Bos is at Soo Euclid Ave., Des Moines, Ia

Jessie Brown is at her home near Grand Rapids.

Oliver Burk is instructor in physics at M. A. C.

Orange B. Burrell has been made field manager for the Keystone View Co. for Ohio, Indiana, Illinois, and Michigan. Mr. Burrell stopped at the College a day or two recently while on his way to West Bennington, Vt., headquarters of the above company.

Leland D. Bushnell is assistant in bacteriology at M. A. C.

Clara S. Campbell is teaching in the Industrial School for Girls at Adrian, Mich.

Mary A. Butterfield is at her home in Detroit.

Roscoe J. Carl was married to Miss Maud White, of Dewit, on Sept. 4, and the young people are at present taking their wedding trip through the west. Mr. Carl intends returning to the farm as his life work.

Kate Coad is teaching in the high school at Middleville, Mich.

Elva R. Davis is at her home in Ionia, Mich.

Fred S. Dunks is with the state dairy and food commission, Lansing.

Cora L. Feldkamp is assistant librarian at M. A. C.

A. A. Fisk has been elected assistant horticulturist of the experiment station in Cuba, and left recently for his new field of labor. This work will be under C. F. Austin, '09.

Clem C. Ford is with the Green Engineering Co., of Chicago, Ill. His address is 3400 Indiana Ave.

Richard C. Fowler is surveying for the Michigan Central R. R. Co., and is at present near Niles, Michigan.

George R. Fryman

Victor R. Gardner is assistant in horticulture in the Iowa Agricultural College, at Ames, Ia.

Alta Gunnison is at home in De Witt, Mich.

Eddy J. Gunnison is with the Reo Motor Works, Lansing.

Charles A. Hach is in Saginaw, his old home, and is with the Wilcox Engineering Co.

Joseph P. Haftenkamp is located at Rochester, N. Y., where he is employed by the Rochester Light & Power Co.

Sherwood Hinds is instructor in civil engineering at M. A. C.

Bertha Hinkson is attending the State Normal at Ypsilanti, pursuing the teachers' course. Her address is 417 Ellis street.

Frederic P. Howard is at home near Ionia, Mich.

Horace S. Hunt is with the Commonwealth Power Co. of Jackson, Mich.

Bernice M. Jackson is teaching near her home at Gregory, Mich.

C. Ernest Johnson is superintendent of construction work in the Prudden and New Way Motor Cos. of Lansing.

Frederick L. Johnston is building inspector for the college, having charge of both the coal shed and new dormitory.

William F. Jordan is with the Shaw Electric Crane Works at Muskegon, Mich. His address is 227 Clay Ave.

E. G. Kenney was a college visitor one day the past week, and at the time was on his way to Cadillac.

Frank J. Kratz is at 66 Piquette street, Detroit. He is drafting with the Cadillac Automobile works.

Bruce McAlpine is drafting for Geo. D. Wo'cott & Sons of Jackson Mich.

Katherine McNaughton is teaching in the high school at Williamston, Mich.

George W. Nichols is drafting with a firm near Pittsburg, Pa. His address is 210 Alice Ave., Knoxville, Pgh., Pa.

Harry Owen is with the Ray Chemical Company at Detroit, Mich.

Bess K. Paddock is at her home in Three Oaks, Mich.

Joel G. Palmer is at home on the farm near Ionia.

Bessie Phillips is at Davison, her old home.

Anna E. Pickett is at her home near the College.

Edward C. Place is assistant day chemist at the Lansing Beet Sugar Factory.

Paulina Raven is teaching in a South Dakota mission school for Indians located at Grasse.

Clarence A. Reed is with O. C. Simonds, landscape architect, Chicago, Ill.

Sadie Richardson is in charge of the M. A. C. public school.

Walter P. Robinson is drafting for the Northern Engineering Works in Detroit. His private address is 260 Helen ave.

Edna Rupert is at present attending the state normal school of New York state.

John E. Schaefer is at Whitesville, N. J., where he is engaged in floriculture.

Nelson J. Smith is with Parke, Davis & Co., of Detroit.

Sophia Southwick is at her home near Houseman, Mich.

Mark G. Stephenson is drafting for the Con. Reinforced Concrete Co., of Detroit. His address is 66 Congress street.

Clarence D. Sterling is drafting for Whitehead & Kales Co., of Detroit. His address is 116 Baker St.

Ralph T. Stevens is with O. C. Simonds, landscape architect, Chicago, Ill.

Clarence A. Stimpson is employed as draughtsman by the Dow Chemical Co., of Midland, Mich.

Clyde W. Stringer is drafting for the Cadillac Automobile Co., Detroit, with address at 66 Piquette street.

Wilford Strong

Charles E. Swales is with a Detroit real estate firm with address at 26 Lothrop Ave.

Lillian Taft is at her home M. A. C.

George Talladay, who graduated

from the forestry course, is with the Monteith Imp. Hardwood Co., with headquarters at New York City.

H. Foley Tuttle is assistant in Bacteriology at M. A. C.

Philip H. Wessels is assistant chemist of the Rhode Island Experiment Station.

Ernest A. Wilcox is drafting for the American Bridge Co. at Ambridge, Pa.

HORTICULTURE CLUB.

Mr. McHatton gave the members of the club a very interesting description of bonna culture in central America. With several stories by Prof. Gunson and Mr. McHatton we had a very pleasant evening. Before we adjourned Mr. Gunson passed around a basket of peaches which were enjoyed by all.

SUNDAY EVENING SERVICE.

Prof. Nadal head of the English department in Olivet college will give an address to the students and faculty in the college chapel Sunday evening at 7 o'clock. Dr. Nadal is well known as a speaker among the Michigan colleges and will have an interesting address for the people of M. A. C. All are welcome to this meeting.

U. S. Department of Agriculture, Central Office of the Weather Bureau.

Review Room. WASHINGTON, D. C., October 17, 1905.

Mr. B. A. Faunce, Editor, "M. A. C. Record," Agricultural College, Mich.

Dear Sir:—During the months of April to July, 1859, I had the privilege of acting as tutor at the Agricultural College in surveying, drafting, history and possibly other branches as a substitute for the regular professor. I remember very many of the young men who came into my classes, but have not their present mail address. If any should see this note I hope they will drop me a card. I should especially like to hear of their progress in agriculture though I suspect that many of them took up other lines of industry.

With best wishes for the prosperity of the college, I remain,

Yours truly, CLEVELAND ABBE, Professor and Editor.

Sixteen seniors and specials attended the Hillsdale county fair on Wednesday of last week. Prof. Shaw attended the fair Friday morning. The stock judged consisted of galloways, herefords, Angus, short horns, polled durhams, and all fat cattle.

N. J. Smith, '05 a, employed in the finishing department of Parke, Davis & Co., Detroit, since graduation, has recently been tendered a very desirable position at pharmaceutical research work in the Biological Department of that same firm.

In passing through the shops on Saturday morning it is interesting to note the various classes in shop work busily engaged. In many schools this half day is given up to recreation, but this department seems very much alive with earnest boys at that particular time.

A Few Seasonable Necessities.....

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C. D. Woodbury

HOLLISTER BLOCK

ABOUT THE CAMPUS.

Albion won from the U. of M all freshmen Saturday 11 to 0.

Sign your articles if you desire them published. We must hold to this rule.

A little fawn has put in an appearance in the deer park during the past week.

Born to Instructor and Mrs. W. W. Wells on Wednesday, Oct. 4, at 8 o'clock a son.

E. O. Elmer '04 is assisting in the chemical laboratory of the experiment station.

Mrs. Allen, of Detroit, has been spending the week with her daughter, Mary Allen, '09.

Miss Louisa Lindsley of Harbor Springs, Mich., is visiting at Mr. and Mrs. Craig's this week.

The forestry work for five year freshmen closed yesterday and the usual agricultural work began.

We trust that the various society editors will report all social functions so that just notice may be given to all.

Will W. Tracy, of Washington Department of Agriculture, was a College caller on Friday of last week.

J. Oliver Linton, with '08, who is traveling for an Otsego chair company, spent Sunday with his College friends.

The department of horticulture and forestry are building a pit for the winter storage of seeds and plants.

A new cement walk has been built from Abbot hall and connecting with the main walk east of the Armory.

Prof. Barrows house is receiving a coat of paint. Other improvements in the way of a new roof, etc., are noted also.

Miss Florence Barlow was called to her home in Greenville the past week on account of the serious illness of her mother.

As the Lansing Traction Co discontinued transportation at 10:40 Wednesday night, about twenty fellows walked home.

New arrivals of students during the past week are Miss Waller from Virginia, Mr. Windsor, of Petoskey, and Mr. Ellis, of Detroit.

Alward W. Boss, sub-freshman, agricultural, from Sault St. Marie, has been in the hospital the past week suffering from throat trouble.

G. B. Jones, with '08, agricultural, of Cassopolis, visited College friends the past week. Mr. Jones, with his father, is engaged in stock raising.

LOST.—A bone rule belonging to a student in the mechanical department. Finder will please return to Y. M. C. A. rooms and receive a reward.

The large water pipe leading from the old power plant to the main west of the mechanical laboratory has been taken up as it was no longer used.

Prof. Fletcher, on his recent trip, met many M. A. C. alumni who spoke enthusiastically of the triennial and expressed their determination to be present.

Prof. Pettit has changed his mode of travel and now rides in one of the Olds automobile runabouts. It is a fine machine and will be greatly appreciated by the owner.

It is expected that the contract for the new engine and generator will be placed this week which will be the last step toward the installation of the new lighting plant.

The junior girls attended the reception given at the Presbyterian church Friday night and all report a good time. Mr. and Mrs. Craig kindly acted as chaperons.

Students were asked to report at the Armory last week in order that measurements be taken for uniforms. Reed & Son of Philadelphia has been awarded the contract this year.

The circular announcing the special courses for the coming winter has been prepared and copy sent to the printer. Indications are that we shall have a large class again this year.

Prof. Jeffrey's new silo was built in a hurry. Being disappointed in securing the particular kind of stave desired another was substituted and 56 hours after these were ordered the silo was filled.

F. G. Carpenter, '02, writing from St. Joseph, Mo., states that he hopes Coach Brewer will have out a team that will "lick every one around the country." Mr. Carpenter's address is 109 So. 17th St.

Two large orders for plants and seeds have been made by the botanical department. These will be used in the garden to replace those destroyed by the flood last spring and losses from other sources.

Five hundred chairs of a neat design have been placed in the Armory. This will do away with the trouble of hauling so many to and from the chapel, whenever a crowd is to be taken care of.

Class games of foot ball have been arranged as follows: Oct. 14, seniors vs. sophomores; Oct. 21, juniors vs. freshmen; Oct. 28, winner of senior-sophomore game vs. sub freshmen; Nov. 4, final for championship.

M. J. Dorsey '06 is conducting experiments in cold storage on the keeping qualities of apples as influenced by the maturity of fruits, the amount of disease present upon it, care in handling, and other important matters.

The Olympic Society held its first eleven o'clock party of the term Friday evening, Oct. 6. Prof. and Mrs. E. H. Ryder kindly acted as chaperones. Several alumni of the society were present, and an enjoyable evening was spent.

G. F. Tallady, '05, has sent to the department of forestry the following specimens of wood: two of ebony, one of teak, three of lignum-vitae, one of satin wood, two of rosewood, one of snake wood, one of maderia, two of bethabara, one of greenhart and one of circassian walnut.

The members of the Eclectic Society entertained a number of their friends at an eleven o'clock, last Saturday evening. The rooms were very tastily decorated, and everyone enjoyed a pleasant evening. Dr. and Mrs. Waterman acted as patrons. The music was furnished by Mr. Baker.

John S. Shaw who was in college the past year and assisted in the chemistry laboratory of the experiment station during the summer, has entered Johns Hopkins University. He will specialize in chemistry, taking organic under Dr. Remsen and quantitative analysis and physical chemistry under Drs. Morse and Jones.

The horticultural department sent an exhibit of grapes to the fair at Detroit and, as is the custom, at the close of the fair they were sold. The man who purchased these grapes then took them to the Grand Rapids fair which occurred the following week and won \$8 in prizes for them.

The large display board with sample patterns and exercises made by last year's freshmen and sub-freshmen mechanical students has been for some time displayed in one of the large windows of the T. B. Rayl Co., in Detroit. In a letter from the above company the manager speaks in the highest terms of this work and states that it has attracted a great deal of attention. He expresses his appreciation of the loan.

There is much interest in the horticultural club this term. The work has been broadened somewhat and more effort will be made to give each student an opportunity to present something at some time during the term. All of the horticultural papers of merit are being secured for placing on file in the club rooms which will be kept open all of the time as a horticultural reading room. These papers are for the most part donated to the club by the publishers.

The Columbian Literary Society gave its first eleven o'clock party of the year Saturday evening, October 7, '05. The rooms were tastefully decorated with yellow and green, giving an autumn effect. Besides dancing, games and other amusements were provided. During a short intermission a game of questions and answers was played to determine partners for an extra dance. The guests departed at the usual hour, feeling that a very enjoyable evening had been spent. Prof. and Mrs. Sawyer acted as patrons.

The M. A. C. Chorus held its first meeting Monday evening, Oct. 2. About seventy were present. It was decided to give a concert of Folk Songs of all nations in costume, about the close of the fall term. *Four credits are given for the year's work.* The admission fee to the chorus is \$1.00 which gives to each member the privileges of the chorus and the book of Folk Songs. This is a splendid opportunity for all who are interested in music to take advantage of this thorough drill in chorus work. Let every one come and bring his friends next Monday evening at 6:45.

The Zoological Department received during vacation an interesting consignment of the products of the Carborundum Company, of Niagara Falls, including samples of the material from which carborundum is manufactured, fine crystallized spec-

imens of pure carborundum, and a large variety of wheels, whet-stones, oil-stones, polishing papers, etc. etc., made from carborundum. These have been placed in the General Museum where they form an attractive display in the case at the right of the entrance.

Mr. C. G. Woodbury, post graduate, has for his major subject a study of the San Jose scale on the campus with experiments for controlling it. This dangerous pest has become thoroughly established in the college orchards and has gained something of a foothold in the shade trees of the campus. Mr. Woodbury expects to locate every bush and tree that is affected with the scale and make various experiments in his work of attempting to eradicate the same.

Prof. Fletcher, with Messrs. Dorsey and Woodbury, took a trip to Grand Rapids and Benton Harbor last week. On Thursday morning they stopped at Grand Rapids and visited the market. At Benton Harbor Dorsey and Woodbury assisted in judging fruit at the Southern Michigan State Fair. There was a splendid exhibition of fruit at this fair. Thursday afternoon and Friday morning were spent at the peach orchards of Mr. Morrill, which orchards are among the most famous in the country. Other orchards in the vicinity were visited also and the party were royally entertained by Messrs. Chas. Pratt, '06, and Thayer and Hilton, of 1900.

W. Morton Barrows, '03, spent two months of the past summer giving instruction in natural history at a boys' camp, Camp Awosting, in Ulster county, New York. The camp is located on Lake Awosting, about 2,000 feet above sea level, among the Shawangunk mountains. There were 39 boys in camp, whose ages varied from 8 to 16, and they were looked after by seven "counselors" who gave instruction in swimming, canoeing, rowing, base ball, and other athletics, as well as in natural science. A feature of the training was the outdoor life and the long tramps to points of interest at distances of 8 to 20 miles from camp. Among such points of interest are the Ellenville ice caves, where ice and snow in large quantities remain all summer and where icicles many feet in length and weighing hundreds of pounds hang from the walls and roof while the temperature outside is up among the nineties. Other caves were also visited, one with a subterranean river and lake, containing numerous fish and eels. The boys made collections of insects and other animals, among the latter being a large eastern rattlesnake 3½ feet long.

'95-'96.
Rev. A. J. Weeks and wife sailed last week for India, where he will take up missionary work for the Baptist Foreign Missionary Society.

'03.
Stanley Garthe sends in his subscription to the RECORD. Mr. Garthe reports the birth of Paul Orrin Garthe on July 23.

'05.
Claude I. Auten sends in his subscription to THE RECORD. He is topographer for the C. I. & E. R. R., and is on the move all the time. Auten sends respects to all of his M. A. C. friends and wishes them and the College a happy and prosperous year.

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