Mr. Webley spoke on the life of Sir George Williams, the meeting Sunday evening, the M. E. orchestra of Lansing rendered a very good musical programme, and a very good audience came to hear them. The associations are very grateful to the members of this orchestra for their kindness in playing for us. Efforts are being made to make next Sunday's meeting especially interesting. It will be conducted by the students, who will tell about the Christian work that is being carried on in the colleges and universities of the world. This is the first meeting of the year to be led by the students, so let every one come and make it a success.

Last Saturday night gave an interesting talk on music at the Y. M. C. A. meeting Thursday evening, and we hope that his talk will stir up more enthusiasm for music, as there is a lack of missionary enthusiasm in the association.

Y. M. C. A.

Mr. Smith is the possessor of a clear strong voice, clear enunciation, and speaking as well as of educational value. Each number was applauded enthusiasm, and deservedly so, for the rendition was in every case very accurate.

Mrs. Gates has shown herself to be a very capable reader, possessing a clear strong voice, clear enunciation, naturalness in her speaking, and adapting herself to all varying moods with ease. Without attempting to imitate to any great extent the tone of the voice of the characters, Mrs. Gates brought very vividly before the listeners the kind of the scene to be portrayed. The greatest criticism of her reading to be offered would be that the emotional effects were too sensational and long continued.

One could hardly feel justified in pronouncing any one selection especially appreciated and worthy of mention, for all were good. Miss Adams is truly a gifted cellist. She displayed an unusual technique, especially in the "Elf Dance" which was given as an encore. The great success of the evening was the "Serenade," given as an encore and much enjoyed.

Mr. Smith is the possessor of a pleasing bass voice, strong and vol­

tunuous in quality and he sings with great spirit. "The Song of Hylas," "Crescit," especially brought a large and enthusiastic attention to which he responded with the "Anvil Song" as encore. His singing was lacking in expression and clear enunciation, other­

wise deserves much praise.

The pianist has excellent technique and played the Liszt "Rigoletto," very well indeed. He responded to the hearty applause with a light Scherzo like excerpt, which was very daintily played. Mr. Snyder also showed himself to be a sympa­
	hetic accompanist.

The three musicians do not possess as much musical feeling in gen­

eral as is essential for finished mu­

sicians, but are nevertheless artists. The programme was very greatly enjoyed by all, and present was one of the best on this year's excellent course.

BAND CONCERT.

On the coming Friday evening in the armory will take place the annual winter term band concert. The programme promises to be as ex­

ceptionally good one for several reasons. Miss Carrie Porter, a well known soprano of Lansing, has been engaged for this concert, and also A. J. Clark, a cornet solo­

ist of whom we made mention last week. It is expected that the trombone quartet and Mr. Hoppin­

son's work on the clarinet will also prove strong numbers.

The following program speaks for itself:

- PROGRAM -

1. "Hands Across the Sea"—Sonn
2. "Scaramouche"—Thurston
3. "Anvil Song"—Carrie Porter
4. "Irish Folk Song"—Edith Carlin
5. "Jota"—Johnson
6. "Post and Ponder"—Sappe
7. "Serenade"—Schubert
8. "Traumerei"—Schumann
9. Messrs. Deswey, Ballock, Clippert, Car­
10. "Queen of the Earth"—Finnis
11. Carrie Porter
12. "U. S. Custer Maryland"—Rollston

The band is working hard to make this affair a success financially as well as musically, let us turn out and give them proper support. Tickets on sale at secretary's office.

UNION LITERARY.

The Union Literary Society gave an 11 o'clock party in their building Monday evening, Feb. 1. Though on account of the usual inefficiency of the car service, the musicians and some of the dancers were delayed a few minutes, inconsiderable postpon­

ing the program until a late hour, the party was a success, and possibly the musical number was the highlight of the evening, the prodigious Mr. Hallock and Mrs. Hallock kindly acted as chaperones. Baker furnished mu­

sic.

ATHLETICS.

In the game of basket ball on the evening of Jan. 28 at Detroit the Y. M. C. A. won from our team 31 to 14. Their team recently won the championship of the universities in America. M. A. C. put up a fine game, and Detroit pa­

pers state that it was the hardest game this season for the locals. Capt. Krebz especially put up a fine game. The boys were given an ice cream supper after the contest and treated royally. A return game will be played here on Feb. 19, and should be the banner game of the year, as they certainly have the strongest team in the state if not in the west.

At Yps on the following even­

ning M. A. C. won from the normals 50 to 25. Kreb and McKenna put up a fine game. After the game the team was entertained by six young ladies of the institution, five of whom were former M. A. C. girls.

M. A. C. 41—OLIVET 24.

In one of the hardest fought con­

tests yet seen on our own ground between M. A. C. and Olivet. In Basket Ball by the above score. Almost every seat was taken with enthusiasm. Olivet was known not only in ball but in the various track events as well. The locals secured five points from free throws. The vis­

itors secured five baskets from the field in each half, while the home team won 27 of the 41 points in the first half. Of baskets thrown Kreb secured 7; Mills 5; McKenna and Vandell each 4. One point was registered on free throw, Cone Kaye of Olivet officiated.

M. A. C. 265—OLIVET 135.

M. A. C. won the first indoor meet of the season by beating Olivet Saturday afternoon in the Armory. The events with winners as follows, Olivet contestants and M. A. C. By

Dash, Small 1st Vaughn and Pear­

Hurdle—by 8 M. A. C. men. Finals resulted as follows: Small 1st, McKenna 2nd, Pear­

nails 3rd. Vaughn 4th, Gilbert 1st, Bishop 2nd, height 9 ft 6 in.

Shot put—Burroughs 1st, Camp­

bell 2nd, Haddens 6. 3d.

50 at the farmers' institute held at marshall last week Prof. Kedzie took supper with Ben K. Bentley of the above class. Mr. B. is running a county farm three miles inside of Marshall on the electric line between that city and Battle Creek. He car­

ries on his farm the dairy cattle, he is a large producer of milk which is sold to re­

tail dealers in the city. He is experi­

menting with the milking machine.

ALUMNI.

With '97—Dear Sir,—With pleasure I ac­

knowledge the receipt of calendar for 1907. It certainly is the finest of the kind I ever saw and when it has culivated its usefulness as a calendar, will keep it as a sou­venier of the college and a reminder of the labors I performed for my father (a very young man) in saving and delivering all the bill stuff that entered into the construc­

tion of the college building and or­

iginal boarding house long since burned down.

Again thanking you for your kindness in sending me the calendar.

I am respectfully yours,

57 Gally Road, San Jose, Cal.

R. A. Bentley '90-92 conducts a plumbing business in Marshall and has one of the most complete and best equipped shops in that city.

E. A. Richmond is constructing engineer with the Tennessee Copper Co., where he is now daily in the output of the Sulphuric Acid plant.

DEBATING CLUB.

The debating on last Thursday night was the most successful of the term. The subject, "Resolved that the president's action in the Brownsville case was justifiable," was a live one and both sides handled it with a spirit that kept the interest up. The affirmative was upheld by Messrs. Ingall and Kierstead and the negative by Messrs. Dorland and Rodgels. The decision rendered by the judges was two for the negative and one for the affirmative.

The question next week is "Re­

solved, That the Honor System should be established at M. A. C."

Since this system is being estab­

lished in many colleges, it should be of vital interest and draw a large crowd. The members are to be notified by mail as to when they will be expected to appear before the club, and they are asked to be de­

termined upon the question for debate and submit it to the chairman of the committee as soon as possible.
THE M. A. C. RECORD.
PUBLISHED EVERY TUESDAY DURING THE ACADEMIC YEAR BY THE MICHIGAN STATE AGRICULTURAL COLLEGE.

B. A. FAUNCE, MANAGING EDITOR
D. A. EPPS, EDITOR IN CHIEF

Subscription rates: 50 cents per year.

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The M. A. C. Record is published every Tuesday during the school year.

B. A. FAUNCE, MANAGING EDITOR

OUR MILITARY, MECHANICAL, AND ELECTRICAL ENGINEER, THE ARTILLERYMAN.

The following is abstracted from a paper on the above subject delivered a few weeks ago, before the American Society of Mechanical Engineers, by Mark L. Ireland, of the class of 1901. Mr. Ireland is now First Lieutenant in the Ordnance Department, United States Army. Rev. Rev. W. Hayes, '07.

The purpose of this paper is to introduce to the society our Military, Mechanical, and Electrical Engineer—the Artillerist—to show something of the manhood of producing him, the conditions under which he works, the number on hand, the possibilities of increasing this number to meet a sudden emergency, and finally to invite discussion upon the sufficiency of the peace strength.

The aspirant for an artillery commission must have acquired a good working knowledge of mathematics, chemistry, optics, surveying, electricity, and mechanics. The successful man finds that this is not only requisite for obtaining his commission, but that his duties from the time he is commissioned to such a nature that a profound knowledge is assumed. He must be ready to undertake any task from that of counsel for a prisoner before a court-martial, to that of mounting his own guns, and breaking in raw recruits. He must be able to tell how a rear guard should defend a retreating army, or why a particular general fails to excite, or a gas engine refuses to start.

Before leaving base the army officer was so little troubled by his duties that he found life really quite monotomous, but to the young man who, at least in the beginning, finds this is but a tradition which, strange to say, he hears oftener from his superior officers than from his subordinates. The army today with its schools, its examinations, its practice is familiar with the manipulations of comfortable perfection which it has been supposed to be by some not over-instructed. Yes, he must have a shorter time and effort which is far from monotonous, but to the young artilleryman who is not yet fully aware of the art of the gunner.

He must be able to tell how a rear guard should defend a retreating army, or why a particular general fails to excite, or a gas engine refuses to start.

The enlisted man who comes to the post in time of peace has little or no idea of the discipline that is of value in his new life. It is a matter of no small wonder sometimes how a man of his ability could be induced to accept such small pay as $13.00 per month. His training as coast artilleryman is acquired at an expense of citizenship, and effort which is made being commensurate with the compensation received. He must be able to tell how a rear guard should defend a retreating army, or why a particular general fails to excite, or a gas engine refuses to start.

The papers are sent out to the magazines regularly, which have been largely used in each manufacturing, which would, from lack of employment, turn to playing politics. The army today with its schools, and examinations, its practice is familiar with the manipulations of comfortable perfection which it has been supposed to be by some not over-instructed. Yes, he must have a shorter time and effort which is far from monotonous, but to the young artilleryman who is not yet fully aware of the art of the gunner.

Under the best weather conditions a boat ship may be sighted about 12 miles at sea in the daytime, or by the use of the most powerful foghorns at a distance of 8 miles or 12,000 yards at night. A rather low rate of speed for an attack. A cruiser would make 12 knots, and for a torpedo flotilla a speed of 33 knots is usual. This is for a day attack, from the time a call to arms could be sounded to the time the first salvo was fired. The cruiser squadron at the usual speed of the flotilla ship would be 25 minutes. At night these times would suffer a 25 per cent reduction, leaving a distance of 7.5 minutes for the flotillas, 17.5 minutes for the cruisers, and 15 minutes for the torpedo flotillas.

The soil is rich and deep here and practically a winner. This is advertised as "Sunny Alberta," though there is not so much sunshine either, and the climate is very dry.

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THE M. A. C. RECORD.

The Man
we’re after in the man who usually patronizes a first class high priced tailor—the man who gives up from thirty to sixty dollars for an overcoat—that this overcoat line is e dignified.

The style is a winner. “Rock Oak” soles comfort and wear the feature and possessing all the details that go to make up a top notch.

Evangeline Mifflin.

JEWETT & KNAPP
220-222 AND 224 WASHINGTON AVENUE SOUTH, LANSING, MICHIGAN.

THE JEWETT & KNAPP STORE
Where you will find the largest and most complete stock of

Women’s blouses and Children’s Ready-to-wear Garments, Knit Underwear, Hosiery, Gloves and Ribbons. All the new things in Laces, Embroideries, and Wash Goods. See our New Silks, Dresses and Trimmings.

If you want an Exclusive Gown or Suit, go to Lansing’s Reliable Store.

JEWETT & KNAPP
220-222 AND 224 WASHINGTON AVENUE SOUTH, LANSING, MICHIGAN.

ABOUT THE CAMPUS.

The interior of the power house is being repainted.

Half term exams this week. It is hard to realize that another term is half gone.

The two weeks’ course in fruit growing begins Feb. 11. Tell your friends about it.

The noted Modjeska appears in “Macbeth,” Wednesday evening, Feb. 6, at Baird’s.

The next Military Hop of the season takes place on the evening of Feb. 15. One price to all.

The special course in creamery management ends on Friday of this week. Cheese making course begins February 11.

Prof. and Mrs. Smith were called to their old home in New York last week on account of the death of the professor’s mother.

Remember the Band Concert on Friday evening. The boys have been working well and long and should have a good house.

Prof. Shaw was in Urbana, Ill., a few days last week where he attended a meeting of the Illinois Live Stock Breeders Association.

Prof. Fletcher leaves Tuesday for Madison, Wis., where he speaks before the State Horticultural Society on the cost of production in fruit growing.

L. R. Wasterman ’87 has been engaged by the Lansing H. S. as instructor in physics laboratory. His work will be given in the afternoons.

Bert Sheldon, ’10, spent Sunday at his home in Tekonsha.

Prof. Pettit was at Inlay City on Friday where he did institute work.

If the bear happened out at the right moment, it will, of course, mean 6 weeks more.

Miss Shirley Gardner, ’09, recently spent a very pleasant week with her brother in Iowa.

In the M. A. C. dash on Saturday there were eighteen starters. Flippens won 1st and Hansen 2nd.

Remember the band concert at the Armory, Friday evening 8:00. Everybody come. Admission 35c.

Prof Kedzie recently spent a pleasant evening with Loomis and Bristol of the Alamo Mfg. Co., Hillsdale.

While at Brooklyn last week Prof. Kedzie met Prof. D. P. McAlpine, superintendent of schools, who is a brother of Bruce McAlpine, ’08.

The Michigan Farmer of Feb. 2 presents a picture of some of our forestry students trimming trees in one of the timber lots at the College.

Mr. and Mrs. John Backus who have been guests of their daughter, Mrs. Alger, several days, leave Thursday for their home in Hesperia.

Both Miss Roxie Palmer, ’85, and W. C. Severance, ’11, who are in the hospital, are reported much better. Each had an attack of pneumonia.

And now for the new catalog. We trust that every department will think of this matter and be able to report all changes as early as possible.

Among M. A. C. men to attend the farmers institute at Marshall last week were B. K. Bentley, ’90, J. H. Brown with ’87 and P. J. Garrett, ’94-’95.

The Old Plantation Quartet and Jubilee Singers, successors to Fisk Jubilee Singers, give an entertainment at the Pilgrim church in the city tonight at 8 o’clock.

M. E. Long, ’11, who has been ill in the hospital for several days, will return home as soon as his condition permits, and will not return for the remainder of the term.

O. S. B. Vanier, ’11, is very sick at his rooming place, Mr. Rogers, on Oakwood. His father and mother of Bay City, are with him and will remain until he is able to be moved.

We are glad to report that Prof. Jeffery’s daughter, who was injured in a street railway accident four weeks ago, is steadily improving, and her complete recovery is practically assured.

We are glad to report that Prof. Bogue was feeling the most like himself this morning that he has for several days, due largely to the fact that he passed quite a restful night. It is sincerely hoped that the professor will gain rapidly and soon be with us again.

A little motor generator has been installed to draw current from the lighting system and furnish current for the storage battery for the telephone system.

T. H. McHattan, who has been ill in the hospital with an attack of pneumonia, left Wednesday of last week for his home in Macou, Ga. He will not return until the beginning of the spring term.

With the exception only of when the campus is first putting forth its beauty in the spring, it was the most beautiful on Friday morning. The white frost clung to every branch like so many crystals and remained more than half the day.

A few days ago, Mr. Pierce, janitor in the Mechanical Building, was noticed running around with several barrel hoops. When questioned as to their use he stated that they were put around Baker.” It was then learned that Mr. B. had just succeeded in safely running an 800 pound casting, the shell for a large surface condenser which the department is building for senior laboratory and thesis work.

Mr. N. C. Thomas, with ’97, of Caledonia, and W. A. Thomas, with ’85, of Coopersville, brothers of Mrs. H. W. Collingwood, visited the College on Friday. As they passed from one building to another many interesting stories of their college days were told. The many changes were noted, and they were delighted with the improvements. They were also on account of the serious illness of their mother.
THE M. A. C. RECORD.

Dr. White, of Cornell University, sums up the benefits derived from military drill in three reasons, as follows:

First, because it trains up a large body of educated men, who, if necessary come, can be drawn upon for military service.

That this argument is shown by the fact that no fewer than sixty-eight Cornell graduates had positions in the army during our late war with Spain, and one of them, who lost his life at El Caney, a noble memorial in bronze has been erected in the university library by his fellow students.

Second, on account of the fact, which I have often stated in public addresses here and elsewhere, that a great republic like this is not to escape civil commotions from time to time, and that the more of its educated men who have some knowledge of military tactics and some military spirit, the less likely a mere wild, unthinking mob is to terrorize our various communities.

Third, I have steadily supported the military department on account of its value to the young men themselves. The students of Cornell are largely from the people of comparatively small means. Very many of them come from the farms and the counters, and though as a rule the very best of fellows, they are often, when they reach the university, careless and rather "slouchy." Military drill "sets them up," makes them stand straight, makes them look a person to whom they are speaking straight in the face, enables them to give and take the word of command, and if I were called upon to name the one thing which I think we should not dispense with in Cornell University, it is this same military drill.

BOOKS ADDED TO THE LIBRARY SINCE OCTOBER LAST.


Macy, Party organization and machinery.

McDonald, Jacksonian Democracy, 1811-1819.

Michigan as a Province, Territory, and State. 4 vols.

Meredith, Adventures of Harry Richdson.

The amazing marriage.

One of our conquerors.

Short stories.

Rhoda Fleming.

Sandra Belfon.

Teach comedians.

Lord Ormitz and his Lady Aminta.

Newcomb, Stories on astronomy.

Nuttall, Handbook to birds of the U.S. and Canada.


Perry, Intro. to course in argumentation.

Purser, Disposal of municipal refuse.

Penn, R. L. Locomotive tests and experiments.

Pennell, Charles Godfrey Leland, 2 Vols.


Pfleger, Physiology of Plants, Vol. 3.

Roosevelt, Rough Riders.

Bane of Life and the Hunting Trail.

The 때문에 Life.

Addresses and Messages, 1901-1906.

Hunting Trips of a Rascasse.

The Wilderness Hunter.

Oliver Cromwell.

Children of the Poor.

Roosevelt the Citizen.

Children of the Tenements.

Is There a Santa Claus?

Ravel, Charleston; The Places and the People.

Rlot, Essay on the Creative Imagination.

Beale, The Citizen and the Heath.

Richards, The Silver Crown.

Richards, The Apostle's Creed in Modern Worship.

Sexton, Chemistry of the Materials of Engineering.

Strong. Exhustion and the Excess of the Bible.

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