MANDOLIN AND GUITAR CONCERT.

The Mandolin Club gave its first concert Saturday evening in the armory before an appreciative audience. The club has been practicing faithfully all the year, but very few were aware of its exact status.

The armory, as is often said often enough on previous occasions, is a poor place for entertainments, and stringed instruments are heard under peculiar disadvantages in the building, but since there is no other available room the inevitable must be accepted.

It is probably stating the truth to say that the audience was impressed with the belief that M. A. C. has a very creditable mandolin club. In the absence of Prof. Linn of Lansing, Miss Secor gave two readings. Mr. Herman Schreiber also gave two bass solos. He has a very good voice which will be much improved with cultivation. According to a hastily canvassed opinion of the Pickatnick Club and the "Mont Clar Galop" were the two most popular selections given by the mandolin club members.

THE PROGRAM.

March — "Guest of Honor," Mandolin Club.
Mandolin Solo—"Spring Song," Mr. B. McCarthy.
Reading—"Odd Hickory," Miss Secor.
Song, Herman Schreiber.
"La Vita Schonstehe," Mandolin Club.
Reading—"from Cape Cod Folks," Miss Secor.
Clarinet Solo, Mr. V. Phelps.
Banjo Solo, Mr. H. B. Reed.
"Most Clar Galop," Mandolin Club.

MEMBERS OF CLUB.

Prof. L. N. Linn—Director.
Mr. Bruce McAlpine—Assistant Director.
Mandola—Mr. Netorg.
Banjos—Messrs. Bolte, Wilson, Reed.

THE WEEK IN BASEBALL.

Last Tuesday M. A. C. went to Kalamazoo to play a game in the intercollegiate series. A dispute in the fourth inning as to the interpretation of a ground rule caused M. A. C. to quit the game. The matter will be brought before the M. I. A. directors for settlement. Mr. Denman makes the following statement which needs no further comment:

The ground rules, as told to me in the Chi Omega Club by M. A. C. team, were that any ball going over the fence was to count as a two-base hit, while on one going through the fence the runner and batter should take all they could get. In the top of the eighth inning, with three bases full, a Kalamazoo man batted a hot ground to our second baseman, Bowditch, which went through the fence into a brook. Three Kalamazoo men scored and nothing was said. When M. A. C. came to bat, Tower was on 3d, Fin­nance on 2d, and Wilcox on 1st. Bowditch called to bat and knocked a single between 2d and 1st, which went through the fence and into the brook. Three men scored and Kal­amazoo refused to allow the third run on the ground that only two bases were allowed on a ball going through the fences. They had just scored a run in the same way. What was fair for them was fair for us, and I refrained to continue unless it was righted. The umpire never said a word to us about ground rules.

ALMA BEATEN.

Saturday afternoon the team went to Alma and beat the Presbyterians 5 to 0. Finance did not allow the Alma batters the semblance of a hit. Many other features of the game were gratifying to M. A. C. supporters.

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THE M. A. C. RECORD.

PERIODICAL PUBLISHED EACH WEDNESDAY DURING THE SESSIONS OF THE MICHIGAN STATE AGRICULTURAL COLLEGE.

EDITORS:

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CLARA WOODLEY, '90.

Subscription: $1.00 per year.


The material for this number was written and assembled by the students of the College in their spare time.

TUESDAY, MAY 5, 1903.

ALUMNI.

(Continued from page one.)

from some by song, it may be found in the report for 1897 of Alexander Platonovich Engelhardt, given to the Russian Philosophical Society in Archangel, which borders on the Arctic, extends to 71° north latitude, and has by far the greater part of its area north of the sixty-sixth parallel.

Achangel, its chief town, near by song, and is in the latitude of the settlement of Nulato on the Yukon. In 1897 the population of the village was 353,000 person, who in that hyperboreal region raised 6,040 tons of wheat, rice, oats, and potatoes, owned 250,000 cattle and sheep and 250,000 domestic reindeer, and exported over 5,000,000,000 of furs, berries, butter, and fish. In all the province, Governor Engelhardt says, there are only 216,000 acres of agricultural land and 546,000 acres of pasture land.

But the argument from analogy is so fallacious that it is well to speak of olives and oranges grown in the latitude of Denver, Indianapolises, or Philadelphia, he would be jeered at by the unthinking, yet that is precisely what is done in California in the latitude of these cities, while apricots and peaches are grown in the State of Washington north of the latitude of New Brunswick. Agriculture is a matter of isotherms and not of latitudes, and the isothermal lines in the Yukon Valley, so far as is known, are more favorable to agriculture than those of Finland, for while the winters of Finland are colder and the summers are hotter.

The summer months are rainless, and nearly so, but the soil is moist and cool, with a good deal of fog and warm, a condition that is most favorable to steady plant growth. I see no good reason why carefully selected seeds should not be found that will be adapted to the climate conditions. In the course of time, knowing the climate does not affect the seeds adversely and the winter does not kill them. While the temperatures in the summer months are rainless, and nearly so, but the soil is moist and cool, with a good deal of fog and warm, a condition that is most favorable to steady plant growth. I see no good reason why carefully selected seeds should not be found that will be adapted to the climate conditions. In the course of time, knowing the climate does not affect the seeds adversely and the winter does not kill them. While the temperatures in the summer months are rainless, and nearly so, but the soil is moist and cool, with a good deal of fog and warm, a condition that is most favorable to steady plant growth.

Religious Work at the College.

There have been rumors of late regarding the establishment of a church at M. A. C. and while it is not probable that a church organization will be formed or a building erected for some years, yet several interesting facts are brought to mind when the subject of religious work at the College is considered.

During the College sessions there are in the Brooklyn, in round numbers, fifteen hundred people, a community large enough to support a church and an organization, should there be the desire. The proximity of Lansing, however, induces many at M. A. C. to join churches in the community and this would continue to be the case even though a church at M. A. C. were formed.

The College, Y. M. C. A., the center of M. A. C. religious life, is

pure and true character—man's design of torrid or temperate belts. Christ has promised us that his grace should be sufficient for all, therefore there is no excuse for any one dripping with assurance to resist all evil influences.

The union meeting of the Y. W. and Y. M. C. A. was led by A. C. Miller. Subject: "What is our ambition?" It ought to be our aim to live in the right place, and to be where the truth is taught. The sermon was very interesting, and the service was well attended.

The class in ornithology noted this year the visitation of birds on the campus in a single hour Friday, May 1.

Judge W. L. Carpenet, '73, was given a reception by the Detroit College of Law at Detroit Friday evening.

The Phi Delta Society gave an eleven o'clock party last Saturday evening. Prof. Reynolds chaperoned the party.

A finely mounted specimen of the Goliath stork is on exhibition in the Museum. It was captured near Dimondale, Eaton county, in February.

Professor Barros has received several specimens of supposed meteorite lately but all prove to be samples of ordinary terrestrial rocks.

W. F. Uhl, 1902, Mechanical, is attaining unusual success in hydraulic engineering. He is engaged as designer of turbines to work under extremely high heads for the Stillwell Bierce & Smith Valve Co., Dayton, Ohio. This field is practically a new one for American manufacturers. Hereafter all the wheels have been made of standard sizes with patented details and putting them together. The new way, followed by Mr. Uhl, is to design and build particularly for each separate power development requiring high head wheels.
Mr. Hach received a visit over Sunday from his sister.

Cards announcing the marriage of Mr. Macy Lapham, '99, to Miss Beulah Haskins at La Junta, Colorda­no, have been broken and no records made that need frighten M. A. C.

Higgs & Burton are moving into the new brick store opposite the hospital. A line of new furnish­ng goods will be placed in the "White Elephant," it is said.

The botanical department has had printed for the use of students a pamphlet on the morphology of leaves. The pamphlet contains over sixty original drawings made by Mr. Longyear.

The Themian Society gave a very pleasant dancing party, Saturday evening. The rooms were prettily decorated with wild flowers. Mrs. C. B. Collingwood were the chaperones.

Mr. E. C. Parsons, '56-66, and a successful merchant of Kalamazoo, is to be illustrated by the stereopti­cal Goodyear. To the time of his recent visit he had not been on the College ground for twenty-five years.

The next meeting of the Horticultural Society takes place at Adrian May 12th. Prof. Taft discusses the San Jose scale in Michigan; Prof. Riddick gives a talk on Landscape Gardening for the Home, which talk is to be illustrated by the stereopti­cal. Hon. C. J. Monroe discusses Ethics for the Farmer.

Miss Fay Smith of Grand Rapids, is visiting Miss Edna Smith.

Mr. B. A. Faunce of Fremont writes that a baby girl has come to his home. Mr. Faunce is enjoying the health of his child.

The last Michigan Farmer contains an article appreciative of the work of Instructor John Michels. A half-tone appears with the article.

Mr. Floyd W. Robinson, chemist for the experiment station will soon move to the laboratory building to the rooms recently vacated by the bacteriological de­partment in the veterinary building.

Prof. N. S. Mayo of the Kansas Agricultural College was about the campus last week. Kansas Agri­cultural College has fifteen hundred students. Prof. Mayo has one hundred and sixty students under his own instruction.

Commencement exercises have been put forward one day. The society reunions will be held Tues­day evening, June 16th, commencement exercises Thursday, June 18th. There has been a desire for some time to have the exercises earlier in the year. The change in dates has been made necessary by the fact that Prof. Liberty Hyde Bailey, who is to be the orator for the alumni triennial reunion will take place Wednesday, June 17th, commencement exercises Thursday, June 18th.

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Excursion rates on the certificate have been made possible for all the breeding places of the pests, and records of each treat­ment carefully set down. It was found that many surprises were in store. Hollows, made by the break­ing off of limbs, were found to furnish fine homes for mosquito fam­i­lies. Rain-barrels sometimes furn­ished numerous of mosquitoes. Ponds in the woods, drains, open cisterns, and cisterns not tightly screened, water­ing troughs, in fact almost anything that will hold water and which is not exposed to too much wind, will keep them. The ideal places in this respect were found to be swarms of cottonwoods or willows stand­ing in them. Another likely place was found in poorly-drained wood­land, Woodland ponds were likely to be pretty well stocked with the malarial mosquitoes. Ponds covered with green water-scum often harbored the malarial species, and in such places fish work at a great dis­advantage, the larvae being very successful in hiding away. The season was extremely wet in Michi­gan and for this reason it is impos­sible to judge of the benefit received from the insecticide treatment. Rain fell at short intervals so that, in many places, pools remained all summer where ordinarily they dried up in June. The grass was almost constantly wet, a condition very favorable to mosquito life, and while many millions were killed, many drifted in from outside. On August 9th it was found that a number of mosquitoes were being killed by a fungus. They were very numerous on the margins of one of the pools in the woodland, sometimes almost cover­ing the pieces of bark to which they clung. In typical cases they were covered with a dense white growth, and were within a few inches of the water. This fungus was also found in other species of flies and on a dragon-fly. All attempts to grow the fungus in the laboratory were futile. The disease was, how­ever, eradicated in one instance by dis­tributing pieces of bark covered with the dead insects into fresh col­onies. It is not likely that this dis­ease will ever prove to be very help­ful. It may reduce the numbers of the pests but it will never eradicate them, and like most diseases, it works best when the victims are in the greatest numbers.
The debate club varied its order of programs somewhat last Thursday evening by securing outside talent. The question for debate was: "Resolved, that a primary election law, the general features of which shall be the same as those provided in the Colby bill, is desirable in Michigan." Dr. Edwards, and Senator Cook, M. A. C., upheld the affirmative; Mr. C. B. Collingwood, M. A. C., and Secretary Brown, opposed the negative side of the question. As Secretary Brown and Mr. Collingwood are both ex-State senators, they, as well as the debate, were well qualified to speak from a close knowledge of the question for the evening. The debate was enlivened by a considerable amount of pleasantry on both sides, the audience frequently applauding the phrases employed by the speakers.

Senator Cook for the affirmative said that political parties are in the control of the political leaders and that political parties consequently do not secure nominations that are the choice of the majority of the voters.

The majority of the people in the State want the primary law and the election law. The State and local interest in governmental affairs, which interest is now lacking.

Secretary Brown, speaking for the negative side, said that the proposed law, the candidates chosen would not be chosen by the majority in the primary law, and that such principles are represented by parties but such principles could not be represented by the primary law.

Dr. Edwards, who was the speaker for the affirmative, asked the pertinent question: "Of what does the party consist?" The people compose the party if they desire it. Legislation can be learned, the people want the conditions and that, in so far as political parties, and after representatives are chosen, they will endure.

Mr. Wilson F. Millar was in Cleveland last week where he was chairman of the inter-state collegiate oratorical contest. Beloit College won first place, and Michigan, represented by Hope College, second place. In the inter-university contest the University of Michigan won second place and Northwestern University first place.

In the Automobile Magazine for May, in an article entitled "Automobiles and Alligators," a description of the recent automobile meet in Florida, we note that Mr. H. T. Thomas, "driving for Mr. Oldsmobile" race a mile in one (1) minute, six and one-fifth seconds, which was a tremendous show from the former American record of one minute, thirty-five and three-fifths seconds for the same distance and class of vehicle. Mr. Thomas also lowered the American record of fifty-nine seconds for the same distance. On page 433 of the magazine is a photograph showing Mr. Thomas ready for the race.

They've found the bug.
That eats the bug.
That fights the bug.
That bites us;
They've traced the germ
That kills the germ
That chews the germ
That smites us.
But still these bugs—
Microbes thug.
In spite of drugs,
Combat man;
And these germs—
Described in terms
Defining quarks.
Get at us!
—W. D. Nesbit in Life.