

The M. A. C. Record.

VOL. 7.

LANSING, MICHIGAN, TUESDAY, JANUARY 14, 1902.

No. 17

Natural History Society.

The writer is in doubt as to whether, the attractiveness of the program to be rendered, the time of holding the meeting, or the effective efforts of the officers had most to do with bringing out an unusual number to our Natural History meeting last Wednesday evening, but ventures the first as the most effective.

The meeting was opened by the reading of the minutes after which President Phillips called upon Prof. U. P. Hedrick who occupied the major part of the hour making his audience more thoroughly acquainted with Mackinac Island. He dealt with the island from historical, geographical, botanical, zoological and geological standpoints. One learns of the island with added interest when it is given by one who has spent many weeks studying its wonders.

The history was summed up by saying that the French, the English and the American flags have in their order floated over the island. A historical relic is the John Jacob Astor House, now used as a hotel, but once the headquarters of the Astor Fur Trading Company.

Speaking of the geographical side, he described the island as being nine and one-half miles in circumference, oval, though not regular, and having a maximum altitude of about 300 feet above the lake level. All the neighboring islands are very low in comparison.

"The Island," he said, "is of interest to the Botanist because of the beautiful beech and maple trees and its specimens of plants not found in any other part of the country."

In spite of the 5,000 or 6,000 summer visitors, the zoologist, and even the hunter, may find the animals they are in search of. Foxes, long-legged rabbits, numerous birds, including a few ducks and geese, were among those mentioned. White fish, sturgeons, Mackinaw trout, pikes, perches and others were reported as being abundant enough to furnish a considerable sport for the fisherman. Lake herring were formerly very common but quite rare at the present time.

Prof. Hedrick reported the geology of the island as being extremely simple, consisting of an old coral reef, composed of limestone, but lacking in fossils. The harder portions which have resisted the action of water and now tower above the other portions of the island were given; as, Lover's Leap, Lover's Seat, Robertson's Folly, Giant's Causeway and Little Giant's Causeway, Arch Rock, Sugar Loaf Rock, and Chimney Rock. Arch Rock stands 200 feet and Sugar Loaf Rock 284 feet above the water level. Scott's Cave, Devil's Kitchen, and Skull Cave were mentioned as places of interest.

I think we were all wishing, when the subject was finished for an opportunity to visit Mackinac Island.

Following this, Mr. D. S. Bullock gave the society a very complete report of the winter birds on the campus. This report will probably be given sometime this winter after there is absolute certainty of its completeness.

Come out and enjoy these meetings. You have a cordial invitation to attend.

W. R. WRIGHT.

Correspondence.

December 17, 1901.

TO THE EDITOR:

An old diary of forty years ago, neglected for all that time, comes to light from the garret. In it is recorded, in March, 1860, "Walked from Lansing to Agricultural College, to try for admission." In a search of Prof. L. R. Fisk, while seated on a rail fence, I accosted a gentleman approaching: "Are you Prof. Fisk?" With a laughing face, he replied "I am." "I have come to be examined for admission," returned the writer. It was soon arranged that I should meet the professor at a certain room in the College building, and there be examined upon my qualifications to be admitted as a student of the Agricultural College. The faculty were then looking for students. They wanted them bad—otherwise they would not have accepted the writer, who, upon his examination in geography, was asked where Calcutta was located. He replied he thought it was in Sweden.

Accepted, however, I was. The matriculation fee was paid, and some small deposits were made; whereupon the applicant was admitted and enrolled as a freshman. One thing I remember, in payment of my matriculation fee, I deposited a gold dollar, which I had picked up on the new grade of the Ram's Horn railroad, then projected through Lansing to Owosso, and not then finished. I spoke of the incident to Professor Abbot, good soul, he was, and said "I plant this gold dollar for my education, hoping it will produce other gold dollars in the future."

I entered College in the spring opening 1860, rooming with my former acquaintance, now Prof. W. W. Daniells, as my chum, who has, all these forty years, been my staunch friend, and who, for twenty-five years or more has held the professorship of chemistry in the University of Wisconsin. * * *

As late as 1883 I visited Yale College and Sheffield Scientific, and I learned that at that time Sheffield was not looked upon with any pride by Yale college professors proper, and was not spoken of as part of Yale. * * *

The organic law founding the M. A. C. provided that all students must work three hours each week day. This law was enacted upon the theory that each student must learn to reinforce theory by practice. To work, actual manual labor, was to be the practical application of the theory supposed to be learned in the practical sciences to be taught in the College. This provision has been much debated among practical College men. The writer has never approved of the law as it then stood and was enforced. Its chief merit in the sixties was to enable young men who had insufficient means to go to other colleges to work their way through the M. A. C. In all other colleges established under the

Act of Congress passed in 1862, the labor problem has been modified. The University of Illinois adopts the practice of giving the student special instruction in practical work, sufficient to enforce the class exercises, but no hours for labor are prescribed; and I understand the Governing Board of the M. A. C. have modified the old method of compulsory system of labor, so as to make it educational only. While the writer was at College the cost of student labor was enormous as compared with skilled labor, which was easily procurable from the surrounding country.

To illustrate the advantages of the system then existing, during the year 1860, the writer averaged, between March and November, three and one-half hours each work day, for which he was allowed the munificent sum of $7\frac{1}{2}$ cents per hour. The result was, for the year 1860, the total cost of board, fees, laundry, and all expenses, except books and clothing, amounted to twenty-four dollars and some cents over and above the wages earned for the entire year. These were the ante-bellum days, which have not returned to us. As the years went on less effort was made to accumulate hours, because the students soon discovered that the object in attending college was to improve the mind rather than to earn money by manual labor; a reasonable amount of work took the place of the athletics of today, but, like athletics, too much of it interferes with the class work. It is rare indeed to find a man who can keep up the modern athletic work without interfering with his standing as a student.

S. M. MILLARD, 1864.

126 6th Avenue,

CLEVELAND, O., Jan. 2, 1902.

M. A. C. RECORD:

In renewing my subscription to the RECORD, please accept my wishes for the prosperity of the RECORD and the College. I think there are very few old boys that will not voice the same sentiment. Though we don't get around to see the campus very often, don't think we are not interested, for we are; but in this busy world we don't get much chance to enjoy ourselves. I have greatly enjoyed the paper of late, but I trust you will not think it out of place if I say that we mechanicals would like to hear more of the mechanical department. Of course we enjoy the talks about the hort. and farm, and probably more than our agricultural friends would the shops.

My life in Cleveland goes on very pleasantly, and the Brown Hoisting Machinery Co. seem to have a good lot of work on hand. On Christmas they presented us each with a good turkey, which made the day more merry.

If there are any M. A. C. fellows in Cleveland now, I should like to hear of them.

Trusting you will have a very prosperous year, I am,

Very sincerely,

L. C. BROOKS, '92m.

[It does our heart good to hear again from our old friend Brooks, and to know that he is prospering.

We shall try to bring up the mechanical side of the paper again soon. They have been so busy of late with plans for heating, lighting, etc., that they have not given us much news.—ED.]

A Dissected Transit.

The department of civil engineering has just added to its equipment an exhibit of considerable educational value in the shape of a surveyor's transit reduced to its component parts and mounted upon a background of cloth and wood. The parts are grouped with reference to three main divisions of the instrument, the telescope, the plates and the support. Each part, while securely held in place upon the supporting background, is capable of easy removal and can be fitted to its neighbors, so that, if desired, a perfect transit can be built up before a class by assembling the parts. The arrangement of the pieces and provision for supporting them have been very handsomely, even artistically, done by the well-known makers of surveying instruments, Messrs. W. & L. E. Gurley, of Troy, N. Y. A solid mahogany case with glass door encloses the whole and protects it from dust and injury. The firm above named are entitled to special mention for having co-operated with the College in preparing this unique exhibit and for having prepared the mounting at a nominal expense. H. K. V.

Ontario is Lucky.

Through the generosity of Sir William MacDonald, the Montreal millionaire, Ontario is to have a new and important development in its educational system, announcement of which was made by the Government today. Sir William has placed at the disposal of the Province \$125,000 to be used for the erection of buildings, etc., in connection with the Ontario Agricultural College at Guelph for the purpose of giving instruction to teachers in the elements of nature study and domestic science, the latter for women and especially as it relates to agriculture. The Government have been pleased to accept the offer and will take immediate steps to carry out the project. Dr. Mills, principal of the Agricultural College, will leave in a day or two accompanied by an expert to collect ideas in the United States for the architectural designs of the new building.—*Toronto Morning Chronicle*.

[Dr. Mills and the architect called at the College some days ago to look over our Women's Department.]

The First Military.

The date for the first Military Hop this term is January 24. Only the usual price of fifty cents and one dollar will be charged, and the hop will start promptly at 7:30 p. m.

Lost—A copy of Stahl and Wood's Elementary Mechanism. Finder will please return to the library.

THE M. A. C. RECORD.

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For various reasons THE M. A. C. RECORD is occasionally sent to those who have not subscribed for the paper. Such persons need have no hesitation about taking the paper from the postoffice, for no charge will be made for it. The only way, however, to secure THE RECORD regularly is to subscribe.

Communications and other matter pertaining to the contents of the RECORD should be sent to Howard Edwards, Editor of the RECORD.

Record Staff.

HOWARD EDWARDS.
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Homer Eaton, of the Phi Delta Society.
Miss Dora Skeels, of the Thematic Society.
Jos. P. Haftencamp, of the Union Literary Society.
H. N. Hornbeck, of the Y. M. C. A.

The editor and the printer make most humble apologies to the Women's Department for sins of commission in the last week's "Report of Senior Dinner."

"Unskillful they to note the card" of Domestic Science abbreviations, and so, when in the manuscript, "writ fair and large" though it was, they came upon an abbreviation that looked like lb., it never entered their heads to inquire into the relative proportions of the concoctions here represented by words; and even if they had, it is doubtful if they would have known enough to be sure of any lack of congruity between one pound of butter and four potatoes. (Perhaps it is well, to save possible unpleasantness to inject just here the parenthetical remark that the word concoction is used above in its simple, legitimate, original, *unseasoned* meaning—things cooked together—and is the only word the writer can think of just now to fit exactly the context.) However that may be, the writer now knows that this mysterious hieroglyphic, which he with such childlike innocence interpreted as lb. should have been read Tb. It is possible that the ladies will know by their usual method of arriving at knowledge what this Tb. means, but no man, unless one of our conundrum fiends, will guess it, and hence it will be a relief to the average reader to have it here set down that tb. means tablespoonful.

These remarks are intended to direct especial attention to a modest little note handed to the editor and reading as follows:

"In the report of senior dinner published in the last RECORD several mistakes were made in printing. In each case where pound is mentioned it should read tablespoonful."

To be more specific; in the recipe for cream of spinach the ingredients should have been, 1 tb. butter, 1 tb. flour, salt, pepper, 1 c. water, 2 c. milk, 1 pt. spinach; in that for sauce for chicken croquettes, 1 tb. butter, 1 tb. flour, 1 c. milk, seasoning; in that for peas, ½ can peas,

1½ tb. butter, pepper, salt; and in that for delmonico potatoes, 4 potatoes, 1 tb. butter. The writing lb. for tb. in these places constituted our offense for which we are really and seriously sorry, although our lady friends tell us that the proportions in the printed paper are so absurd that they could deceive no one and so cannot have done any serious harm. Our effort in this writing is to atone strenuously and in detail for our offense. As further atonement we publish in this issue another "Report" which we have collated word by word and letter by letter with the original manuscript. We guarantee the text, abbreviations and all—unless some lady finds an error.

H. E.

Report of Dinner.

November 21, 1901.

MARY ROSS.

Cook—MAUDE LANGFORD.

Waitress—JENNIE HUMPHREY.

GUESTS—MR. A. C. BIRD, MRS. A. C. BIRD, MR. R. H. PETTIT, MRS. R. H. PETTIT.

MENU.

Oyster Soup.

Olives.

Croutons

Chateaubriand Steak.

Bearnaise.

Delmonico Potatoes.

Parsnip Fritters.

Peach Pickles.

Celery and Cress Salad. Saltines.

Orange Whip.

Sponge Cake.

Coffee.

The dietetic standard adopted for these meals is as follows:

Prof. Atwater's standard for one day, for a man with light muscular work is: Prot., .22; fat, .22; C. H., .77; calories, 2800.

We estimate breakfast, dinner and luncheon (or supper) in the proportions: B. 4, D. 7, L. 4. Therefore approximately breakfast and luncheon are each—

	Prot.	Fat.	C. H.	Cal.
dinner is	.10	.10	.36	1300

	Cost.	Wt.	Price.	Dinner.
Oysters	\$0.15	1 lb.	\$0.30	Oysters
Olives	.06	1 lb.	.06	Olives
Croutons	.05	1 lb.	.05	Croutons
Chateaubriand Steak	.08	1 lb.	.08	Chateaubriand Steak
Bearnaise	.07	1 lb.	.07	Bearnaise
Delmonico Potatoes	.06	1 lb.	.06	Delmonico Potatoes
Parsnip Fritters	.05	1 lb.	.05	Parsnip Fritters
Peach Pickles	.04	1 lb.	.04	Peach Pickles
Celery and Cress Salad	.03	1 lb.	.03	Celery and Cress Salad
Orange Whip	.02	1 lb.	.02	Orange Whip
Sponge Cake	.01	1 lb.	.01	Sponge Cake
Coffee	.01	1 lb.	.01	Coffee
Saltines	.01	1 lb.	.01	Saltines
Butter	.01	1 lb.	.01	Butter
Flour	.01	1 lb.	.01	Flour
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attended by over 2,200 delegates. Students will be sent as delegates from the institutions of higher learning from all sections of the United States and Canada and it is probable that 500 institutions will be thus represented. Those in attendance will also include professors, national leaders of young people's organizations, returned missionaries, representatives of foreign mission boards, and editors of religious papers.

The program will consist of addresses during the morning and evening sessions, and section meetings for the consideration of missions from the standpoint of phases of work, the different missionary lands and of the denominations which are represented. The addresses which will be given will deal with the obligation of promoting the missionary enterprise, the means which are essential to its success and its relation to the students of this continent. Among the speakers are Mr. Robert E. Speer, Mr. John R. Mott, who will return from his tour around the world to preside at this convention, Right Rev. M. L. Baldwin, Bishop of Huron, Mr. L. D. Wishard, the first College Young Men's Christian Association Secretary, Bishop Galloway, President Capen of the American Board of Foreign Missions, Dr. and Mrs. F. Howard Taylor of China, and many returned missionaries and secretaries of Foreign Mission Boards. Student Christian leaders of other lands will also participate.

As the citizens of Toronto will entertain the delegates to the number of 2,500, the only necessary cost of attendance will be the traveling expenses. Reduced rates have been granted by the railways. It is not expected that the majority of those attending will be prospective missionaries, but that the majority will be Christian students who are not volunteers.

The Student Volunteer Movement for Foreign Missions, which calls this Convention, is one of the most remarkable enterprises of students the world has seen. It was started in 1886 when at the first Northfield Student Conference 100 students expressed their desire and purpose to become foreign missionaries. The call to missions was taken the following year by two Princeton students to the Colleges of the country. Two years later the Movement was definitely organized. As a result of its work several thousand capable college men and women have been led to form the purpose to spend their lives on the mission field, 1,800 have already been sent out by the regular missionary boards, while similar movements have been inaugurated in Great Britain, Germany, Switzerland, Scandinavia, South Africa, Australia and other countries.—*Contributed.*

Arlo Bates on Athletics.

Arlo Bates, a prominent professor in the Massachusetts Institute of Technology, in the *May Forum* has a very readable article on the Negative Side of Modern Athletics. Speaking with frankness unusual in a public address, he says:—"The absorbing fascination of sport has, in some cases at least, seriously crippled even the appreciation of the delight of mental growth. The constantly growing lack of the power of concentration and of intellectual manliness was the subject recently discussed by a

conference of leading teachers in Boston; and some of their number attribute the difficulty in a large measure to athletics.

"It is the general experience at the Institute of Technology that a boy's work suffers if he goes deeply into athletics. A student in a technical school of high grade, in order to attain to success, must not only attend to his studies, but give to them the very first place in his interest. * * *

"Instead of being four years in an atmosphere of learning and of mind, the youth is, during his college course, constantly impressed through his surroundings with the idea that success is to be won rather by the body than by the mind; that popularity is of more effect than culture; and that learning may be disregarded for more showy and ephemeral accomplishments.

"This unfortunate condition of things is more firmly established by the class of students attracted to College by the fame of athletic victories. In so far as a college is not responsible for such students, it suffers a misfortune in their coming.

"Too much attention has been paid to what is gained in modern athletics, and not enough to what is lost.

"At present, enthusiasm for bodily training has so distorted and maimed the whole system of education that, at the obvious risk of offending and of seeming extravagance, I cannot refrain from closing with the deliberate expression of the conviction that athletics is in education today the most serious obstacle to the advancement of intellectual growth."

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Old Students.

R. L. Clute, '96, has resigned his position in Oakes, North Dakota, and it is understood he has accepted a position as teacher in the Philippines and will soon start for his new work.

A letter from Prof. H. W. Mumford, '91, to Sec. A. C. Bird, Jan. 2, states that he is to leave Jan. 6 for Topeka, Kansas, where he is to address the Kansas Live Stock Breeders' Association and the Kansas State Board of Agriculture.

News reached college Jan. 7th, that Arthur M. Gibson, class of '03, died of appendicitis Friday evening, Jan. 3d, at his home in Northville after a short illness of ten days. The news was received with much sorrow by his many friends at the College.

Dr. N. S. Mayo, '85, was made happy on Christmas by the receipt of a handsome pendant for a watch charm. It is a block of solid gold; on one side a solitary diamond and engraved "Dr. N. S. Mayo from Conn. friends, 1901;" on the reverse it has the seal of the state of Conn. It was presented to Dr. Mayo by President Nichols in behalf of Conn. Friends.

NILES, MICH., Dec. 31, 1901.
SEC. A. C. BIRD:

I send you in this letter two years' subscription to the M. A. C. RECORD. My time was out Dec. 1st and I have neglected attending to it until now. Will send enough this time so I won't have to think of it again for a while. I spent the evening of Dec. 23d with S. D. Christensen, L. B. Littell, A. H. Hayes, W. J. Bailey and F. B. Lamb in Pittsburg. We saw "Ben Hur" then went to Littell's room and reviewed M. A. C. times.

Yours truly,

J. G. ALDRICH,
Monessen, Pa.

333 N. Michigan St.,
SOUTH BEND, IND., Feb. 2, '02.
PRES. J. L. SNYDER:

Last Sunday evening I saw one of your number, Prof. Wheeler, as I was returning to this place after a vacation of one week which was spent at my home near Edwardsburg, Mich. It seemed like old times again to see him. Then, too, he looked so well. We often speak of you all, and really there is no place I would rather see again than M. A. C.

I have been in this city over a year now, first as student at the Commercial College and now I am book-keeper in their office. They are very pleasant people to work for. I enjoy it very much.

My sister, Miriam, has been in Chicago for the past year at the American Conservatory, she enjoys the work very much. She is studying Elocution and Physical Culture.

Wishing you all a successful and happy year, I remain,

Sincerely yours,

CAROLINE E. GRAHAM,
No. 333 N. Michigan St.

Notes Gathered Here and There.

Six new students in the Women's Department.

The president of the Natural History Society is F. J. Phillips.

Mr. and Mrs. F. W. Bassett after spending the winter with J. J. Myers and wife, returned to Champaign, Ill., Thursday.

Prof. Towar attends the Gratiot and Clinton County Institutes this week.

M. Michels, of Garnet, Wis., was the guest of his brother last week.

State Board meeting at the College Wednesday at eleven o'clock.

Miss Elizabeth Johns, of Wixom, with '02, and Miss Jessie Brown have re-entered College.

At the meeting of the State Teachers' Association Dr. Edwards was elected chairman of the College Section.

In honor of his twelfth anniversary, Robert Holdsworth entertained several of his young college-friends last Friday.

Contributions of fruit for the City Hospital may be left with Mrs. W. J. Beal. Cans will be returned when empty.

The College speakers at the Eaton County Institute held at Charlotte Thursday and Friday are Miss Gilchrist, Profs. Wheeler, Jefferey and Ferguson.

A new electric clock has just been placed in the hall of the Women's Building. It is a gift from the young ladies who had charge of the alumni banquet in 1900.

The party given by the fire department Friday evening was a very enjoyable affair. The members of the department served very acceptably as entertainers. Music was furnished by Prost. Nearly one hundred were present. The patrons and patronesses were Prof. and Mrs. U. P. Hedrick, Prof. and Mrs. Vedder and Dr. and Mrs. Waterman.

Adelphic's Resolutions of Sympathy

WHEREAS, It has pleased our Heavenly Father to call to his last rest, Arthur M. Gibson; and

WHEREAS, The departed was a charter member of the Adelphic Literary Society; be it

Resolved, That we, the members of the said society, extend to the bereaved parents our most sincere sympathy; and be it further

Resolved, That a copy of these resolutions be sent to the bereaved family; and be it further

Resolved, That these resolutions be published in THE M. A. C. RECORD.

O. L. AYRS,
H. N. HORNBECK,
C. B. TAYLOR,
Committee.

Y. M. C. A.

The Thursday evening meeting of the Y. M. C. A. was led by Mr. G. S. Pratt. Subject, "Our Resolutions for the New Year."

Chapel services Sunday morning were conducted by Rev. Mr. Ewing, State Sunday school organizer. He chose for his theme Psalms 119, 130. "The entrance of thy word giveth light; It giveth understanding to the simple."

The union meeting of the Y. M. and Y. W. C. A. Sunday evening, was conducted by Mr. Goss, who chose for his subject the words of St. Paul, "This one thing I do, forgetting those things which are behind and reaching forth unto those things which are before. I press toward the mark for the prize of the high calling of God in Christ Jesus." H. N. H.

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