

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 12.

LANSING, MICHIGAN, TUESDAY, NOVEMBER 20, 1906.

No. 10

ERNEST WRAY ONEAL.

The next number on our entertainment course is a lecture by Ernest Wray Oneal next Friday evening. Mr. Oneal has a goodly number of subjects from which to choose and he is unqualifiedly endorsed by the Slayton Lyceum Bureau.

It is said that he never before employed a bureau and never sought an engagement; yet, through voluntary applications he has averaged 25 lecture dates annually for the last five years.

At the press has to say, he is a man of wide reading, a thinker and has a retentive memory.

"In Mr. Oneal Aurora has one of the most brilliant speakers that ever graced a lecture platform."

"Mr. Oneal handled his subject with the greatest ease, the large audience paying him the closest attention."

NORMAL INSTITUTE.

The first session of the Normal Institute was held in the chapel this afternoon, and will continue until Friday night. President Snyder spoke today on The College and the Farmers' Institute, after which the subject of soils was discussed. This evening insects, vegetable parasites, and diseases of live stock will be discussed, beginning at 7:15. Sessions begin at 8:00 each morning, at 1:15 in the afternoon, and 7:15 in the evening, and all interested should secure a program. Gov. Warner is on the program tomorrow afternoon, and "Progress in Michigan Schools" will be discussed by Deputy W. H. French in the evening.

Live stock, dairying, fruit, forestry, corn and good roads all have a place on this program and an opportunity for discussion on all subjects.

Special attention is called to the women's sections held in the parlor of the women's building, at 1:30 on both Wednesday and Thursday. On Wednesday the subjects discussed will be "What to Cook and Why," "Some Household Conveniences," "Sensible Sanitation," and "Solving of Domestic Problems." On Thursday afternoon domestic science, domestic art, gymnasium and music will all receive a share of attention. The ladies are very cordially invited to attend these meetings.

"TIC" PARTY.

The Eclectic Society gave their second party of the term Saturday night, Nov. 17. The rooms were simply and tastefully decorated with the pennants of the various societies and classes. The refreshments consisted of punch and wafers. About thirty-five couples were present who were kindly chaperoned by Mr. and Mrs. Hal Reed and Mr. and Mrs. Towar. Everybody left declaring the evening to have been a success. Messrs. Baker and Bliss furnished music.

DEBATING CLUB.

The debate on the question "Resolved, that the rural schools of Michigan should be consolidated under state law," brought out a fair crowd at the last meeting. Although the affirmative, upheld by Messrs. Welles and Willson, won by a unanimous decision, it was by no means a one-sided debate. It was interesting, instructive and fairly well organized, especially on the affirmative. Each side proceeded in a logical manner, dividing the many phases of the question into four main heads, and then devoting all the energy to the development of these four points.

The affirmative proved, by a clever manipulation of figures, how the proposed system would be more economical; showed how the educational standard of the state would be raised by an increased efficiency of teachers and equipment; how the social advantages of the pupils would be increased by the establishment of larger schools; how the pupil is constantly under the influence of older persons, both in and to and from the schools, thereby raising the morals of the pupils.

The negative, upheld by Messrs. Stone and Perrine, contended that the records of district schools, and the men turned out, does not demand a change, that the influences of the district schools are good, that the evils of the present system can be corrected; and that the general application of the consolidation of schools is not practicable.

The next meeting should be along the lines of a mass-meeting, both in enthusiasm and attendance—the new football rules will be the subject for direction.

FORESTRY CLUB.

Last Tuesday evening Prof. Barrows gave an interesting lecture to the Forestry club on "The Relation of Game Preservation to Forest Preservation." He showed very clearly that forest preservation was a great aid in perpetuating all the species of our game animals and birds, many of which are threatened with extinctions. Fortunately, on account of the law, the majority of our game is of no commercial value, but on the other hand it is of value in that it affords a means of sport and recreation to the over-worked business man. Fire, one of the greatest enemies of the forest, also works havoc with our game, and it is evident that an efficient fire-protection would serve a double purpose.

At the next meeting of the Forestry club on Dec. 4, B. F. Hall, Jr., Vice. Pres., of the Hall Lumber Co. of Lansing, will speak on the "Effect of Deforestation on the Price of Lumber."

A publication called the U. T. Farmer, published by the Agricultural club of the University of Tenn., has been placed on our exchange list, Vol. 1, No. 1, having been placed in the reading room.

Y. M. C. A.

Dr. Fletcher addressed the union meeting Sunday night and his talk was especially enjoyable and profitable. Dr. Waterman spoke Thursday evening. The attendance at these meetings was very good, and the general interest in the work is growing. The Bible study department is in a flourishing condition, nearly 200 now being in Bible classes.

Unexpected difficulties made it necessary to postpone the Y. M. and Y. W. C. A. reception which was to have been held last Friday night, but arrangements are being made for one the early part of next term.

Owing to increased attendance the Y. M. C. A. is sadly in need of chairs, but we hope very soon to have some new ones.

HORT. CLUB.

Last Wednesday evening Prof. Kedzie gave an illustrated lecture in the chemistry lecture room on "The Chemical Composition of Fruits and Its Bearing upon the Use of Fertilizers."

Printed sheets were passed around by Prof. Kedzie, upon which were given the chemical composition of apples, cherries, pears and strawberries. From this analysis he pointed out the kind of food each fruit needs, and from this the kind of fertilizer is determined.

Prof. Kedzie also showed the comparison between a certain weight of fruit and the ashes obtained from a like weight of the same fruit. The amount of ash was very small in comparison with the amount of fruit taken.

THE READING ROOM.

Any member of the teaching force, student, or other person having in mind a paper or magazine which he would like to have added to the list now coming to the reading room, is invited to hand the name of such periodical to the librarian. This should be done at once, as the subscriptions for the coming year will soon be made.

SENIORS WIN.

The championship game on Saturday resulted in a victory for the seniors over the sophomores by a score of 17 to 0. Both teams were represented on the side lines by a goodly number of rooters. The game was a very friendly contest throughout and an interesting one for spectators. The line-up:

SENIORS		SOPHOMORES	
Kohler	R. E.	Hulce	
Johnson	R. T.	Marsh	
DeLange	R. G.	Hubbard	
Brass	C.	Taylor	
Beckwith	L. G.	Holcomb	
Perry	L. T.	Oviatt	
Westerman	L. E.	Trebilcock	
Glazier	Q.	Sweeney	
Kratz	R. H.	Belknap	
Gould	F. B.	Webb	
Hitchcock (capt)	L. H.	Boyd	

ALUMNI.

'71.

Dr. A. L. Blanchard, with the class of '71, died at his home in Northville, Mich., on Oct. 26. Dr. Blanchard graduated from the medical department of U. of M. in 1878, and has practiced in both St. Clair and Northville.

'89

Through the insolvency of a Youngstown dry goods company, the firm of Stitt & Moore of Jackson, has been compelled to give a trust mortgage. In casting about for a trustee who could be depended upon to handle this case, the firm selected Mr. R. J. Cleland M. A. C. '89, of Grand Rapids. The *Jackson Citizen Press* has the following to say: "R. J. Cleland is attorney for the Credit Men's Association of Grand Rapids and affiliated with the National Association of Credit Men of New York. He has a wide experience in matters of this kind and it is expected that the embarrassment will be temporary only." The Press has only good words for the unfortunate firm, and believe in Mr. Cleland's ability to bring about the desired settlement."

'95

Guy L. Stewart has been transferred from Atlanta, Ga., to the Land and Industrial Dept., Southern Ry., Washington, D. C. Since his arrival in the capital city Mr. Stewart has seen J. Kimball, '95, Prof. Wheeler, Lawson, '95, Smith, '94, and others and through the RECORD extends best wishes to all of his friends.

'01.

Born to Mr. and Mrs. L. Bayard Littell of Detroit a son, Robert William, on Nov. 8, 1906. Mrs. Little (Alta Lawson) was a special student at M. A. C. '99-'00, and Mr. L. graduated in 1901.

'03.

Ray L. Clark with '03, in renewing his subscription to the RECORD, gives the following item:

"Since leaving M. A. C. I have completed a course in medicine at the Detroit College of Medicine, being one of a class of eighty-four to graduate last May. After graduation I began my practice in the office of an old physician, who recently retired owing to ill health.

"I hope to root for M. A. C. on Thanksgiving Day, as I see they are scheduled to play D. A. C. in Detroit at that time.

"Mrs. Clark and I would be glad to have any M. A. C. friends call upon us, at 834 Fourth Ave., Detroit."

'04.

Cards have been received announcing the marriage of Clark L. Brody and Miss Margaret E. York on Wednesday, Nov. 14, at Three Rivers. Mr. and Mrs. Brody will be at home to their friends after Dec. 1 at Fabius.

THE M. A. C. RECORD.

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COLLEGE YEAR BY THE
MICHIGAN STATE AGRICULTURAL COLLEGE

B. A. FAUNCE, MANAGING EDITOR

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TUESDAY, NOV. 20, 1906.

ATHLETICS.

M. A. C. 35 - HILLSDALE 9.

Another victory was added to M. A. C.'s string on Saturday by defeating Hillsdale on their own field. Rain fell a good portion of the game, making it disagreeable for both players and spectators. Hillsdale had M. A. C. advertised as the "state champions" and urged every one to turn out and see such a team in action.

The game was a very one-sided affair, the size of the score being the main question. Both teams played ragged ball, although at times M. A. C. played as fast and hard as at any time during the season. Hillsdale's quarter back, Stewart, kicked a fine goal from the 35-yard line which should have been their only score.

Their touchdown was made after a run of 60 yards by Stewart who received the ball on a quarterback kick and who then dodged behind the crowd and ran the entire distance for a touchdown. M. A. C., supposing of course that he was out of bounds, made no attempt to stop him. The crowd had surged over the line, however, and made an excellent interference for the runner whose score was counted.

Three of M. A. C.'s touchdowns were made on block punts, Doty blocking two and Moore one. Burroughs retrieved the ball back to the goal line each time. Moore at center played an exceptionally good game, and Burroughs was there every minute, scoring four of the six touchdowns. Shedd and Doty each secured one. Boyle also made some splendid runs. Hill-dale could make no gains on straight football, but worked the forward pass three different times, gaining 10 to 15 yards each time. The boys returned Sunday morning and all report a fine time, a friendly game and excellent treatment.

The regular line up was played except that Frazer was played at R. E., and Boyle was replaced by Allen a part of the last half. Harper, of Alma, referee, Crume and Bowditch, umpires.

M. A. C.—FLINT.

The Flint Mutes were a surprise to M. A. C. scrubs, holding them to a scoreless tie. The day was ideal. Flint received the kickoff. Flint punted to M. A. C.'s fifty-yard line. M. A. C. advanced the ball twenty-

five yards, then lost on a fumble. During the rest of the half the ball was entirely in Flint's territory. The half ended with the ball on Flint's three-yard line. M. A. C.'s first down.

Anderson received the kickoff in the second half, and made a sensational thirty-yard run. M. A. C. lost on a fumble. The mutes tore off several gains, from three to five yards, then tried a drop kick from the thirty-yard line and failed. M. A. C. kicked off from the twenty-yard line. Flint returned the ball to M. A. C.'s forty-yard line and were held for downs.

Captain Kurtz and Bignell by sensational plunges and end runs advanced the ball to Flint's five yard line when time was called. Kurtz and Bignell were the individual stars for the locals. Haller did well at fullback, but received some bad bumps on the leg.

Lindeman at center played an aggressive game breaking through the lines several times for pretty tackles.

Time of halves twenty minutes. Lindeman, Stirling c and r. g., Charlton r. t., McFarlane l. t., Anderson, Hewson, Hatfield ends, Hatfield, Haller f. b., Kurtz, Bignell h., Underhill, McGillway, q. b.

OLIVET.

It is planned to take a good crowd of rooters by special train to Olivet Saturday to see the last inter-collegiate game of the season. In case this arrangement is made, the clubs will be asked to have dinner at 11 and the train will leave the "college siding" at 11:30, returning direct to the grounds at 5. With this arrangement, the trip need not be an expensive one, as the fare for the round trip will probably not be over 50 cents, and special arrangement will be made for a reasonable admission to the game. Let every body go and see that the season's work is properly wound up.

MEETINGS AT BATON ROUGE, LA.

W. J. BEAL.

Last week was held the seventeenth annual convention of the association of American Agricultural College and Experiment Stations.

American Association of Farmers' Institute Workers, Prof. L. R. Taft, delegate; Dr. Beal, visitor.

Society for the Promotion of Agricultural Science, organized in 1880. Dr. Beal, delegate, one of the founders and the first president.

Society of Economic Entomologists.

Association of Presidents of Universities.

Outside of the convention the writer was interested especially with the spread of Bermuda grass in the south where it affords good pasture and lawn, holds the artificial banks raised in many places to keep the great river from overflowing; immense numbers of irregular patches and great fields of cotton with a picking yet to be made, much of this poorly cultivated by the omnipresent darky and the mule, bales of cotton at the stations, acres of them, and boats covered with them, new fields with dead timbers standing.

There were buzzards in the air, beautiful foliage on the trees, evergreen, magnolias, cypresses with broad bases and numerous knees sticking out of the water; great numbers of trees of beech, gum, and

many oaks, and mills cutting logs for railroad ties and other purposes; wagons with narrow ties some ox teams, but more of mules, people on horseback, few buggies of any kind, public roads with fences twenty feet apart. Small piers supported the building most of which were innocent of paint. Pin oaks about the dwellings and along streets were as common as sugar maple in Michigan. In low lands among trees were great quantities of palmettos, and below Vicksburg many trees conspicuous with hanging moss (Tillandsia); the brooks lined with canebrake, trees with green bunches of mistletoe sometimes as big as a two-bushel basket.

Nearly all cattle and horses and pigs were thin as though half starved; one yearling steer, goat-like, was seen greedily eating a large Sunday newspaper.

We passed through the whole length of western Mississippi, noted as a cotton belt, in some regions where there was scarcely a white person to be seen. An old, dirty cabin, costing from fifty to one hundred dollars, was set in the midst of nearly every twenty acre patch of cotton. In Vicksburg and Baton Rouge I failed to secure a sugar cane such as the black people purchase, and in certain times nearly subsist on. Possible it might be an economical food for northern children. I wanted to experiment.

As might be expected at such a gathering, the writer was a sort of "connecting link" to introduce former students of M. A. C. to each other, ranging from S. M. Tracy, '68, to W. D. Hurd, '99, a period of thirty-one years. I tried to learn the names of persons that had attended any one of several other agricultural colleges, including Iowa, Massachusetts and Cornell. There were present nine former students of Massachusetts Agricultural College; nineteen from Michigan, as follows:

L. H. Bailey '82, Dean and Director of Agriculture, Cornell University; E. A. Burnett '87, Dean and Director of Agriculture, Nebraska University; K. L. Butterfield '91, President Massachusetts Agricultural College; L. G. Carpenter '79, Director of Experiment Station, Colorado Agricultural College; L. A. Clinton '89, Prof. of Agriculture and Director of Experiment Station, Storrs College, Connecticut; C. M. Conner '92; Agriculture in the Experiment Station of N. C.; G. C. Creelman '92-'93, Pres. Ontario Agricultural College and Pres. of Am. Ass'n. of Farmers' Institute Workers.

D. J. Crosby, '93, Agricultural Education of the Experiment Station Record, U. S. Dept. of Agriculture; E. Davenport, '78, Dean and Director of Agriculture, Illinois University; Mrs. Emma J. Davenport, '87-'88, Secretary of the Illinois Association of Domestic Science; H. T. French, '85, Prof. of Agriculture and Director of Experiment Station, Idaho; G. Humphrey, '00, Prof. Animal Industry, University Wisconsin; W. D. Hurd, '99, Prof. of Agriculture, Maine University.

W. C. Latta, '77, Prof. of Agriculture and Supt. of Farmers' Institute, Purdue University, Ind.; H. W. Mumford, '91, Prof. Animal Husbandry, Illinois University; E. D. Sanderson, '97, Prof. Entomology, Agricultural College, N. H.; C. E. Thorne, '66-'67, Director of Agricultural Experiment Station, Ohio;

S. M. Tracy, '68, doing work for U. S. Department of Agriculture; J. Troop, '78, Prof. of Horticulture and State Entomologist, Purdue University, Ind.

The members of the Forestry Club leave Lansing on Friday afternoon, and will spend Saturday in Grand Rapids. From there they go north, stopping at Cadillac, Alba, and Antrim, and return on the eastern side of the state, when stops will be made at Alpena and other places of interest. Railroad concessions have been made over a part of the distance. The following men expect to make the trip: Dorland, Alvarez, Kiefer, Granger, Hopson, I. D. Smith, and A. R. Wilcox.

At the request of the poultry department Prof. Barrows has ordered for the museum a pair of jungle fowl, *Gallus ferrugineus*, the wild ancestor of a large proportion of our domesticated poultry. This form is found wild in parts of India, Burmah, and southeastern Asia, and other related species are found in Ceylon and Java. Our specimens have to be imported, so that it may be a month or more before they are on exhibition.

The week has been marked by a number of visits from parents. On Monday Mrs. Maveety of Battle Creek, came to the college for the second time in her daughter's stay here, and Miss Maveety went home with her for a few days of rest. Mr. and Mrs. Mattison of Byron, spent two nights with their daughter, and Mrs. Day and Mrs. Bates also were here for two or three days. The old friends of Mrs. Bemis are pleased to see her at the College and hope that she can prolong her stay with them.

Miss Haughwout, the Dean of Alma College, and Miss Albertson, the Matron of Wright Hall, the girls' dormitory, were the guests of Mrs. Haner last Monday during the Alma game. Both were greatly interested in looking over the Women's Building and comparing points of likeness and difference between it and Wright Hall which is under similar management. Our industrial feature of Domestic Science and Domestic Art, which they do not have, was full of interest for them, and their appreciation was enthusiastically expressed.

Much good work is being done in the museum by Instructors Myers and Kelton, who are putting in all their spare time in re-arranging specimens, repairing and painting, and installing new material. One of the new collections just placed on exhibition is a series of skulls of the common quadrupeds and birds of the state, arranged on a dark background, and making an instructive and valuable display. About fifty specimens are included in this series. Prof. Barrows expects to get the museum into first class condition before the semi-centennial next May. The collections have become so large that the cases would no longer contain new material, and some of the older and less valuable specimens have been removed to new cases in the attic, where they are stored systematically so as to be readily accessible for purposes of instruction. The entire collection of birds' eggs has been overhauled, and as soon as labels can be prepared a complete series of the eggs of Michigan birds will be placed on exhibition.

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ABOUT THE CAMPUS.

Tom Hooper was on the sick list during the past week.

Attend the lecture by Ernest Wray Oneal, Friday evening.

It is announced that Jim has at last found a Way out of his *single* difficulty.

Rev. W. S. Sly, of Lansing, will have charge of chapel exercises next Sunday morning.

Mr. Boardman and Mr. C. Roe, prominent Y. M. C. A. men were College visitors Friday.

Mrs. Bogue attended the State Sunday School Convention held at Jackson the past week.

Deputy Superintendent W. H. French gave an excellent talk in chapel on Friday morning.

Lost:—Last Sunday morning a child's umbrella was left in the chapel. Return to B. L. Rosecrans.

Instructor Kohler, of the Hort. department, was called to Iowa last week on account of the death of his father.

A reception to college students was held at the Pilgrim Congregational church Friday evening of last week.

The "visit" of Pa Leonard spoken of in last week's RECORD, was a "letter" instead. There's many a slip, etc.

A number of the institute lecturers desire rooms in the vicinity of the college grounds. Those having one or more rooms to rent for two or three days will please notify Prof. Taft.

Instructor Curtis received a visit from his father, W. H. Curtis, and sister, both of Mason, Monday and Tuesday of last week.

Rev. C. A. Quinn, of South Frankfort, called upon Miss Anna Thompson and R. C. Edwards last Wednesday afternoon.

F. Z. Hamilton, state accountant, inspected the books in the secretary's office Thursday and reported everything in "apple-pie" order.

Mr. Rosenstengel, instructor in mechanical engineering last year, is now in the electrical department of the Oklahoma Agricultural College.

Lee Ashley, '11, Davison, has been compelled to leave College on account of the illness of his father. Miss Helen was also at her home several days the past week.

The M. A. C. district school opened yesterday. Mrs. Upholdt of Collegeville, will have charge of the primary department during Miss Bowen's convalescence.

Cards received announce the birth of a daughter, Elizabeth, to Mr. and Mrs. Gordon H. True on Oct. 19, 1906. Mr. True was instructor in dairying at M. A. C. from '94-'99.

The football team will play D. A. C. Thanksgiving day at Detroit. A faculty meeting held Tuesday evening voted to allow the team to accept the proposition made by the Detroit men.

It is hoped that all the M. A. C. men in the neighborhood of Detroit will be on hand at this game. The members of the team will be glad to see you.

E. J. Frost, '90, was a College visitor Wednesday of last week. He is now senior partner in the Frost Gear and Gear Machine Company, of Jackson, Mich., 301 Clinton street, and reports business first rate.

Miss Inez Kinney very delightfully entertained the Themian Society last Saturday evening, at her home in Lansing. After the usual literary program the evening was pleasantly spent in playing games and roasting marsh-mallows.

Mr. G. L. Reeves, of the Bureau of Entomology, Washington, was a College visitor recently. He is at present interested in the Hessian Fly investigations and was here to look over the experiments and confer with our entomologist, Prof. Pettit.

The class studying the life of Jesus with Dr. Blaisdell has outgrown room 7 in College hall, and next Sunday afternoon will meet at five o'clock in the chapel. All men not now connected with a Sunday class are cordially invited to be present.

O. N. Blair, for two years instructor in Mechanical Engineering, is now drafting for the Portland Railway Light and power Co., of Portland, Oregon. Mr. Blair enjoys the west very much and thinks there are great opportunities for the young man in Oregon.

The Hort. department has begun to force the first lot of strawberry plants, which will probably be in fruit early in January. About 3000

plants are being forced this winter to determine the comparative merits of the different methods, and to supply material for work of cross-pollination of varieties.

Attention is called to the fact that Prof. Smith a short time ago offered the sum of \$10 for the best college song for M. A. C. Who'll be first? As soon as Prof. S. returns from the east further notice will be given. In the meantime write your song, which should be adapted to some familiar melody.

The following students are planning to attend the meeting of the State Horticultural Society at Benton Harbor the first week in December, and to compete for the prizes offered for the best work in identifying and judging the fruits on exhibition:—J. C. Wilcox, O. K. White, O. I. Gregg, of '07; F. M. Barden, J. Boyle, H. M. Conolly, of '08; and B. B. Pratt '09.

A brief review is given of the early condition of the live stock industry in the state and its development and something of conditions as they now exist. The subject of inferiority of common stocks is taken up as is also some of the causes of lack of breeding in Michigan cattle. Plan is offered for the improvement of live stock along the line of the experiments now in progress at the college, which is that of up grading. A number of illustrations are given showing results of careful breeding and withall the bulletin is such as to commend itself to the farmer who desires to improve the conditions of his herd.

A fine delegation of ten or eleven girls went to Kalamazoo last week to attend the twenty-first annual convention of the Young Womens' Christian Associations of Michigan. In our next number we hope to have some report of the meetings. It is thought that this is the largest delegation that has ever gone to the Y. W. C. A. convention from the college branch.

Bulletin No. 241 by Prof. Shaw is now being sent to the farmers of the state. It is entitled "A plan for the improvement of Michigan Cattle," and is designed to serve a twofold purpose. First, it is intended to be preliminary to reports of animal breeding experiments of an important practical nature now in progress or about to be taken up at M. A. C., and second, it is hoped that the discussions may lead to the adoption of better methods in the practice of animal breeding.

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The Illinois State Federation of Womens' Clubs recently met at Jacksonville, at which meeting among the speakers is mentioned Miss Alice Gunn. The following is taken from the *Jacksonville Daily Journal*: Then came the special feature of the afternoon, a paper on the "Nutritive Value of Foods," by Miss Gunn of the department of Household economics of Illinois Woman's college. Miss Gunn outlined the general classification of food stuffs and noted the twofold object of food digestion, the building and repair of tissue and the production of heat; and discussed the adaptability of different food to these ends, suggesting a simple dinner menu for four people, by way of illustration. The articles were chosen with a view to their actual food values in the different elements necessary to the support of the body. These suggestions seemed timely and practical. Miss Gunn suggested that American housewives need to learn that economy in foods, as in other lines, is not only respectable but highly honorable and said that we often answer the demands of our palates for fine food by recourse to articles of high price instead of demanding greater skill in cooking and in serving.

A NEW HISTORY OF MICHIGAN.

Mr. Hemans has certainly succeeded in writing a most interesting History of Michigan in a book of about 270 pages, recently issued by the Hammond Publishing Co., of Lansing. As the author of "Life and Times of Stevens T. Mason" he was exceptionally qualified for knowing the facts of Michigan's later territorial and early state history, and he has treated no less fully the provincial and recent periods. The amount of detailed information concerning persons, events, and out-of-the-way incidents that have been crowded into so small a book is remarkable; as for example, concerning the explorations of Etienne Brule, Jean Nicollet, Isaac Jogues, Marquette, and La Salle, the picturesque *coureurs de bois*, the habitants and seignors, the Spanish occupation of St. Joseph, Pontiac's conspiracy, the "Toledo War," and the existence of Michigan as a state two years before it could gain admission to the Union.

The latter period is equally full of

special and interesting information. The last chapter on "Michigan Today," is replete with statistical facts that have a romantic interest—which is saying much for statistics; among them the odd bit of news that the value of Michigan's egg crop is annually two millions of dollars more than her beet sugar product.

Questions at the end of each chapter adapt the book to high school and grammar school work, and it seems specially useful for teachers' club studies. In fact, it is hard to see how any Michigan teacher or other intelligent citizen can get along without knowing many of the facts which the book contains.

Agricultural College, Mich.
F. W. Howe.

THE CHILD AND THE SCHOOL.

At the recent meeting of the State Teachers' Association at Battle Creek, Principal D. B. Waldo (Ag. Col. '81-'83), of the Western Normal School, is thus reported:

He deplored confinement of young children in the schools for such long hours, declaring three hours sufficient for children seven to nine years old. He urged teachers to guard against foul air and to look out for the care of the children's eyes. Children should be taught their relation to health. Physical culture is necessary to build up the character of school children. He recommended playgrounds and gymnasiums, manual training, and real work in gardens.

Because of my long connection with normal school work, Dr. Beal has asked me to express, through the columns of the RECORD, an opinion concerning this report.

I agree with every item of it. I believe that children under nine should not be in school more than three hours daily. I believe that a teacher careless about temperature and ventilation should change her profession. I believe that the eyes (and ears) of every child should be examined by an expert as often as once a year, at the expense of the school district. I believe that simple laws of health should constitute the bulk of physiology teaching. I am continually urging the maintenance of playgrounds and both outdoor and indoor gymnasiums, as well as of school gardens and manual training department and I am ready to pay taxes to establish them and to maintain them. Further, I believe they should be and can be established and maintained in one-room rural schools as well as in twenty-room city schools.

THOS. C. BLAISDELL.

'04.

Harry G. Walker, former instructor in drawing, was married on Wednesday, Oct. 24, to Miss Mary J. Hood, of Grand Blanc, Mich. Mr. and Mrs. Walker are at home after Nov. 25 at 1002 Tenth St., Racine, Wis.

'05

Born to Mr. and Mrs. Roscoe Carl of Bath on Sunday, Nov. 11, a daughter.

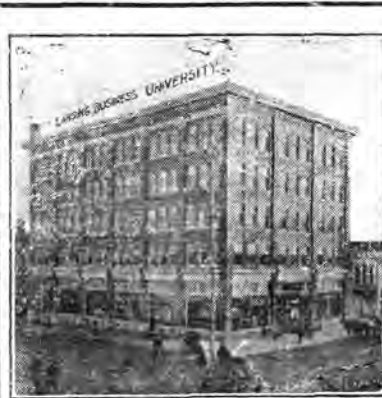
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