

The M. A. C. Record.

VOL. 6.

LANSING, MICHIGAN, TUESDAY, MAY 28, 1901.

No. 34

Lecture Course Entertainment.

The lecture course of last winter cost eighty dollars more than the receipts from tickets. In some way this debt must be met. The English department has come to the rescue with an entertainment on which much time and work has been expended, and which we are sure will be thoroughly enjoyed. It will take place on Friday night. Admission fee 25 cts. The entertainment will include excellent music, fine recitative work from Shakespeare, Dickens, etc., and the shakespeare, Dicky and popular farce called in German, "Gott sei Dank der Tisch ist gedeckt," and in English, "The Obstinate Family." We earnestly hope that a feeling of duty with regard to the purpose to be served, and the pleasure to be received from the entertainment will bring out all the College community and many from Lansing. The program follows:

Overture.
Music by the Lyric Orchestra.
1. Evangeline Gavotte, - - - Pomeroy
2. Frolic of the Impts, - - - Carlton

PART I.
Quarrel of Brutus and Cassius, Shakespeare
Mr. Kennedy,
Mr. Horton.
Selections from Dombey and Son. Dickens
1. Birth of Paul Dombey—Miss Woodbury
2. Dombey at Dr. Blimber's—Miss Knaggs
3. Death of Dombey—Miss Paddock.
Descriptive Passages from Character of Washington - - - Everett
Mr. McCune.

INTERLUDE.
Piano Solo—Mrs. Marshall.
Vocal Solo—Mr. Christopher.
{ Gallop—The Motor Car, - - - Linn
{ Black Cupid Dance, - - - Weidt
Lyric Orchestra.

PART II.
The Obstinate Family. (Farce Comedy).
CAST OF CHARACTERS:
Mr. Harwood Harford's father-in-law . . . Mr. Kennedy
Mr. Harwood Harford's mother-in-law . . . Miss Knaggs
Henry Harford . . . Mr. Chadsey
Tessy Harford . . . Miss Paddock
James, Harford's servant . . . Mr. Horton
Lucy, a servant . . . Miss Gunn
Schubert Serenade.
Lyric Orchestra.

Botanical Department.

In the course for the Agricultural Juniors, three times per week this term, called botany 5 or systematic botany, the work is very different from that performed by any former class at this College. It consists of lectures by Professor Beal, visits to the library, greenhouses, arboretum, botanic garden, personal investigations, excursions in the fields, gardens and woods. The study of plant life in relation to environment comes as near to describing the course, as could any one short sentence. The modern word oecology covers the same ground; "some modern plant problems" is another name for the work. The class consists of 25 members, and is divided into two sections. The reasonably small number in a sec-

tion and the good order and attention of the members make it possible to spend more time in the field than usual. Every time before the students go out, a brief statement is made indicating in general the various points to be noted and later for examination. In most cases the topics are nearly enough independent from each other to permit placing them in any order convenient for the season and nature of the weather for the day. In winter, these students study weeds, grasses, and forestry, not because it is the best time for such work, but because the farm department urges that in the spring term students are then needed in the fields. In a considerable portion of the work there is an effort made to induce the student to read nature at sight. Unfortunately during the very best weeks for studying plant life in the open air, the students have not one-half as much botany as during the winter term.

Here are a few of the topics which occupy the agricultural juniors: Evolution; Darwinism; natural selection and kindred topics; light relations as shown in the greenhouse in early April; plant dispersal; how plants are protected from animals, cold, heat, water, etc.; a study in oak woods in April; the relations of botany to agriculture; define about forty terms, such as agriculture, botany, agrostology, arboretum, bacteriology, biology, bryology, cytology, dichogamy, embryology; a visit to beech and maple woods; the struggle for existence in certain spots on the lawn, under trees, in the arboretum; the examination of grasses, clovers, and the like near the close of the term; three lessons for each in pollination; examine critically certain defined spots on the campus to discover all the species possible; carnivorous plants; plant societies in several places; a study of climbing plants. As one of the students remarked, "We need the outdoor experience. Those who tire of botany in the class-room receive a new stimulus and interest. It serves as a first-class supplement to the indoor work. It gives us a broader appreciation of the subject." Unfortunately for studying growing plants in the open air during the college year there are only about six weeks available.

In another class this term, these juniors are studying trees and shrubs for half a term, making free use of the flora of the campus and botanic garden. Another half-term is devoted to landscape gardening, again making free use of our campus. What could we do without this great open laboratory? For winter we need an ample, well-selected botanical and agricultural museum, even better than the one destroyed by fire eleven years ago. W. J. B.

The Reception to the Grand River Boat-Club.

Last winter the Grand River Boat-Club of Lansing entertained at an evening reception and card party. We all enjoyed the occasion to such a degree that we felt that words were inadequate to express our

appreciation of the Club's charming hospitality. So it was decided to appoint a committee to devise ways and means for expressing it in a more substantial manner. This committee consisted of Messrs. Towar, Waterman, and Diemer, and Miss Crowe. Later, when Miss Crowe was taken ill, Miss Lyford was selected to take her place. This committee reported to the general teachers' meeting, and were requested to carry out the plans they had suggested. Last Friday, May 24, was decided upon as the most convenient date. The invitations were issued and met with a most hearty response, over 160 acceptances being received.

The guests began to arrive about three o'clock in the afternoon. A number of students kindly consented to act as guides, and took the visitors around the campus. The instructors of the various departments were in their respective buildings to receive the guests, and explain the work to them. From five to six Major Vernou held a battalion dress-parade, after which the guests were received at the Women's Building by members of the department. The main hall on the first floor was made attractive by rugs, cozy-corners, palms, potted plants, cut flowers, and festoons of smilax and other greens. In the parlors on the second floor the hosts and hostesses entertained their guests until supper was served. The tables were decorated with cut-flowers, and covers were laid for 250.

After full justice had been done the excellent repast, Professor Towar called upon Mr. King for a reading, which was thoroughly appreciated. Then Dr. Kedzie was asked to express our welcome, which he did in a few well-chosen words. Mr. Eaton responded on behalf of the Boat-club.

The company then adjourned to the armory which was decorated for the occasion with bunting, flags, palms, and flowers. There were card tables for those who cared to play, and music by Bristol for those who would rather dance. Lemonade was served during the evening.

All the arrangements were carried out most successfully and reflect great credit upon the committee, and all who assisted them. V. B.

Mrs. Haner arranged, for the inspection of the Lansing Boat Club visitors, an art exhibit in the sewing-rooms. The Sophomore and Junior samplers were displayed in their cases on the walls, the garments on screens, and the dracking system by a pattern on the black-board. The art needle work and millinery decorated other screens.

A new case has been added in which are to be found all the attachments and tools used in connection with the modern sewing machine. Here they are open to view and by seeing them the students may better learn what they are and how to care for them. Each piece stress's its important part. The elaborate tucking, hemming, cording, ruffling, and hemstitching are quickly and uniformly done by means of their respective attachments.

Mrs. Haner aims to have the girls understand these implements so thoroughly, that they may be complete masters in the use of the machine, making domestic art of a high standard. C. D.

Declamatory Contest.

On Saturday evening, May 11, 1901, the literary program of the Hesperian Society consisted of a declamatory contest, freshman members of the society being the contestants.

The contest was by far the most satisfactory of any of the kind ever given in the history of the society. Each participant did himself as well as the society honor and credit, and in a manner to greatly encourage the older members of the society.

Two prizes were offered. Mr. Dodge was awarded first prize, a society pin; and Mr. Tabor received second honors, a book, entitled "Author's Readings." G. C. H.

It Came at Last.

Victory perched on our banner last Monday, when the base ball team spoiled their otherwise clean record by defeating Albion.

We not only won a game, but we won from the strongest team in the inter-collegiate.

Case, in the box, was given an opportunity to take revenge for the slaughtering this same team administered to him the first of the season, and he did it. The whole team gave the pitcher good support, there being but four errors to their credit.

For the visitors, Loud and McKale starred, each making sensational catches.

J. Frazer and Decker also made good catches.

The line up and score:

	M. A. C.					
	A.	B.	R.	H.	A.	E.
Miller, 2	2	0	0	1	2	1
Tower, c.	4	2	1	1	1	0
Case, p.	5	1	3	2	2	2
Decker, 3	5	2	3	1	0	0
Norton, ss	5	0	0	2	1	1
Sheldon, 1	5	1	2	0	0	0
Himebaugh, l.	5	1	2	0	0	0
J. Frazer, m.	5	0	1	1	0	0
B. Frazer, r.	5	2	1	1	0	0
Totals	44	9	13	10	4	

	ALBION.					
	A.	B.	R.	H.	A.	E.
Handshy, 2	5	0	1	1	1	1
Hitchcock, r.	5	1	1	1	1	1
Hyney, ss	5	1	2	4	1	1
Marshall, m.	4	1	1	0	0	0
Sebastian, c.	4	1	2	0	0	0
Loud, 3	4	0	1	1	4	
Stripp, 1	4	0	1	1	3	
Davis, p.	4	2	1	0	0	0
McKale, l.	4	0	1	0	0	0
Totals	37	6	12	11	12	

Innings	1	2	3	4	5	6	7	8	9
M. A. C.	1	2	0	2	1	1	0	2	x-9
Albion	0	0	2	0	1	1	2	0	0-6

Struck out—By Case 7, by Davis 1. Bases on balls—By Case 2, by Davis 1. Two base hits—Tower, Sebastian. Three base hits—Decker, Himebaugh, Marshall. Home runs—Decker. Double play—B. Frazer to Sheldon. Umpire—Close.

Dr. Erwin F. Smith, Washington, D. C., the bacter authority in the country on leading diseases of plants will deliver a stereopticon lecture in the chapel on Tuesday evening at 6:30. Subject: "Bacterial Diseases of Plants."

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.

Record Staff.

HOWARD EDWARDS.
VICTOR E. BROWN.

August Frey, of the Adelphe Society.
W. S. Merick, of the Columbian Society.
T. G. Phillips, of the Eclectic Society.
Miss Grace Lundy, of the Peronian Society.
G. C. Humphrey, of the Hesperian Society.
Geo. E. Ransom, of the Olympic Society.
D. D. Porter, of the Phi Delta Society.
Miss Clare Dean, of the Thematic Society.
H. E. Young, of the Union Literary Society.
George Severance, of the Y. M. C. A.

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

Once again the writer of this feels impelled to express his deep and sincere appreciation of the evidences of kindly solicitude in behalf of himself and his sorely tried family received on every hand during the sad days that he now hopes are past. For the first time in many, many weeks there are indications of improvement in the condition of his son, Norman. The fever is finally broken, and if he can regain strength without any set-back all will be well.

Do not fail to read carefully the program for the unique entertainment next Friday night, then consider the purpose to be subserved, and determine whether either pleasure or duty will allow you to miss it.

With all due respect to the wisdom and good taste of the Board of State Auditors and of Prof. Taft, we sincerely deplore the proposed mutilation of the beautiful and well-kept lawn surrounding the State Capitol. To our eye, nothing can be more restful, attractive, artistic, than a smooth expanse of soft, green grass to serve as the setting for the impressive massiveness of the capitol building. If, however, this desecration is inevitable, we take some comfort in the respite afforded by the lateness of the season at which the request comes. Possibly a modest bed or two of foliage plants may not be so very obtrusive, but there can be no question in our mind about the pronounced offensiveness of "shrubs." Shrubs, or in our vocabulary bushes, are, in this climate, so far as our ten years' experience goes, a delusion and a snare. Set out in bodies of thirty or forty together, they are never vigorous enough to make masses of flower and foliage, but remain forlorn, ragged units, exposing the naked brown earth in which they stand, and looking for all the world like plumage-bedraggled waterfowl disconsolately standing on one leg in a pool of muddy water. No skill in cultivation, no art in selection can ever make of the "shrub" in our climate the joyous,

exuberant cataract of vegetation that it becomes in the distant south, and the forlorn apology we have described above becomes a distinct impertinence when it breaks up such a lawn as that of the capitol or reclines against the base of so massive a structure. By the way, what is the objection to a well-defined line between the green sward and the foundation of a building? Is there anything about the naked majesty of a grey stone foundation that needs to cover itself with ragged fig-leaves? Whatever may be the mystic answer to the foregoing question, a prohibitive consideration against such planting lies in the unhealthy dampness so caused in basement rooms, not to speak of the decrease of light and air and the pronounced increase of the mosquito pest.

So far as the capitol is concerned this last consideration is not our affair, and indeed it might be objected against us that none of it is our affair. It is true that we are in no sense officially installed as censors over the actions of the board of state auditors, nor have we forgotten that Lansing is not an annex to the Agricultural College. Nor yet again do we base our remarks on any knowledge of landscape gardening implied or assumed.

We are simply a part of the general public that find daily pleasure in the Capitol lawn as it is, and object to having that pleasure taken away. Our taste may be barbarous, but in a public matter of this kind the harmless, every-day pleasure of the many should be considered, not the cultured, exclusive taste of the few, and we are sure that in this matter we express the desires of the many in our community.

H. EDWARDS.

Horticultural Notes.

Two students of the Utah Agricultural College expect to enter M. A. C. next fall for post-graduate work.

Mr. Wm. Carpenter and Miss Alice Bradford, of Bay City, were the guests of G. M. Bradford over Sunday.

Several of the Horticultural Seniors will try for places as scientific aids in the Department of Agriculture at Washington.

Mr. Gingrich has a fine collection of new carnations and he hopes to continue his experimental work with these plants next year.

There is talk of a horticultural club on the grounds. Such a club will probably come into existence at the beginning of the next school year.

The juniors working at the pollinating experiments report a good outlook for cherries, plums and pears, but a comparatively poor one for apples.

Those students who want work Saturdays, or any spare time week days, apply may at the Lansing Sugar Company's office, opposite City Hall, Lansing.

Several of the students who expected work with the Detroit Park Board during summer vacation have been disappointed, owing to the resignation of Supt. A. C. Coryell.

A specimen plant of *Bougainvillea glabra* in the large vegetable house is well worth going to see. Its masses of bright, rosy red flowers, or rather floral bracts, cover nearly a hundred square feet of wall surface.

The sophomores for the afternoon work this term are divided into sections, some of which are in charge of seniors as follows: Mr. Jewell is looking after the garden operations; Mr. Chadsey the pruning on the campus, and Mr. Northrup the grafting. T. G. P.

George H. Rae, '90-'91m.

I recently met Mr. Frank B. Rae, a prominent consulting electrical engineer at 45 Broadway, N. Y. City, formerly of Detroit, Mich., and learned that his son George H. Rae, who was a student at M. A. C. in '90 and '91, had been killed by the insurgents while serving on the U. S. Engineer's Corps engaged in surveying in the Philippine Islands.

It seems that "Bert" Rae was born with a restless nature and could not endure staying in any place for more than a few months. His life at M. A. C. was full of fishing excursions and trips out into the country. His remarkable ability to grasp the essentials of things electrical and mechanical enabled him to gain considerable prominence in the engineering profession despite his roamings and for a time he was in charge of very important engineering work in large mines at Helena, Mont. Later he spent some time in Alaska and on the Pacific coast, finally joined the U. S. Engineer's Corps and went to the Philippine Islands for service. As near as I can learn he was making a good record and was in the line of promotion for efficiency when killed. From reports received it appears that the division of the Engineer's Corps to which Mr. Rae belonged was engaged in surveying and mapping the territory from which the insurgents had been driven. While thus engaged in the vicinity of the village of Quion, which is about a day's march from Manila, on Dec. 29th, Mr. Rae's feet failed him and with four companions he encamped at the village over the night. While returning to Manila on Dec. 30th, the party of five were surprised by a force of about 200 insurgents who fired upon them. Mr. Rae and one of the others were killed and the other three taken prisoners by the insurgents.

The remains have not yet been forwarded here but are expected soon. D. S. COLE.

Athletics.

The dual meet with Alma which was to have taken place last Saturday was declared off by Alma as the track there was too muddy. This meet may possibly come off this week. Four of the wrestling team went to Olivet Friday night to engage four of their wrestlers. Bryant, feather-weight, Wilson, light-weight, Brunger, welter-weight, each won his event. Geib, middle-weight, was entered in the heavy-weight as Olivet had no man in the former class. In the first bout, however, Geib threw his man in a few seconds, but in the other bouts, Steckle, Olivet, who was thirty pounds heavier was more cautious, and threw Geib after hard struggles. C. O. B.

Y. M. C. A.

The union meeting Sunday evening was led by Mr. Ferguson who gave an interesting and instructive talk on "Sowing and Reaping" with

thoughts drawn from the "Parable of the Sower." His points were emphasized by many practical illustrations from every day life.

"Unprecedented Progress in Association Building," is the title of an article in the May number of *Association Men* that gives some interesting facts in regard to large building funds recently raised in various cities. The article may be of interest to those who wish to see a building erected here.

"Its no use for a man to pray for a clean heart when he is too lazy to wash his face."—*Rams Horn*.

The union meeting next Sunday evening will be in charge of the missionary committee.

Military Department.

Another contest between the companies will take place some time this week and Mayor Vernou says that it will be the most severe test of both the privates and officers. The captain of the company that drills the best will have a medal presented to him. The medal is now held by captain Wells of company C.

Major Vernou stated that the government inspection of the military department would take place on the afternoon of June 19 and he says most emphatically that any student not exempt from drill will be failed in the subject if not present at that inspection, unless excused by the major.

Notwithstanding the inclemency of the weather there were many spectators on the parade ground last Friday evening. The battalion passed in review for the especial benefit of the Lansing Boat Club. The battalion shows both careful training and an increased interest on the part of the students. G. F. R.

Mechanical Department Notes.

Joseph T. Ryerson & Son have kindly presented each member of the senior class with a copy of No. 4 of "Ryerson's New Technical Library." The booklet treats of the corrugated furnace boilers with Morrison suspension furnaces.

Mr. H. F. Huntly of Grand Rapids has presented each member of the senior class with a copy of the 1900 catalogue of the Carborundum Company of Niagara Falls, New York.

Mr. Alexander Dow, one of the most prominent engineers in the country and at present general manager of the Edison Illuminator Company of Detroit, visited this department last Wednesday.

About the Campus.

Miss Crowe has returned from Port Huron.

Miss Keller is entertaining her mother and sister.

Mrs. O. R. Baldwin, of Detroit, is visiting her son Russell.

A fine Jersey calf was recently shipped to N. E. Clossen, Almont, Mich.

Mrs. J. W. Knaggs spent Friday and Saturday with her daughter Mary.

Miss Packard, of Charlotte, visited Miss Bessie Buskirk Friday and Saturday, and attended the military hop.

Professor Towar has installed muck experiments at the Kalamazoo Asylum for the Insane, at Almont, and at Pearle.

D. A. Curtis the well-known Shorthorn breeder of Addison, Mich., spent a few hours at the College last Wednesday.

John D. Nies, '94m, of the Holland, Mich. Municipal Lighting Plant, spent a few days here in the early part of the week.

Prof. Burkitt, of the New Hampshire Agricultural College at Durham, visited the College last week. Prof. Burkitt and Prof. Dicmer were classmates at Ohio State University.

Mrs. Mundell, of Ada, has been visiting her daughter at the Women's Building.

Miss F. F. Frisbie, of Detroit, visited her niece, Miss Gaylord, Friday and Saturday.

Mr. J. M. Rankin of the Senior class has been appointed to fill the newly created office of State Inspector of Apiaries. The work will not interfere with the completion of his college course.

Mr. James Satterlee, '69, of Greenville, professor of horticulture from 1883 to '85, and Mrs. Satterlee called on friends at the College and in Lansing last week. They spent Sunday with Professor and Mrs. Mumford.

Among the four-hundred or more people from Grand Rapids on the 9th, was Mrs. Wm. McBain and son. She was Eva D. Coryell, '79, the first woman to graduate at M. A. C. She called on Dr. and Mrs. Beal, with whom she lived while a student.

Professor Jefferey's class in soil physics commenced their work in practical drawing last week. The class was taken to the field and given the work of laying out the grade for a system of drains. If the weather is favorable Professor Jefferey expects to have the class lay some drains this week.

Irving Gingrich, '01, has originated a design in the French Renaissance and has begun its execution on the large flower bed near the greenhouse. This style is often used in the parks and gardens of Germany, especially around buildings of the renaissance architecture, but has never been used before here at the College. The principles of this interesting style of design were studied from one of the club-house beds in the Palm Garden of Frankfurt, Germany.

The Board of State Auditors has invited Professor Taft to lay out shrubbery and flower beds on the capitol lawn. The invitation came too late to plant shrubbery this spring, but several beds have been laid out, which will be filled with cannas, geraniums, salvias, and foliage plants. Three of the beds are near the statue of former Governor Blair in front of the capitol, and long, narrow beds occupying some fifteen hundred square feet each are located on either side of the front entrance.

The zoological department has received an unusual specimen of the common mink. The animal is a partial albino, being colored somewhat like the common ferret, but with webbed feet and other characteristics of the mink. It was caught at Okemos, and will be prepared for the museum. Another nice specimen just received is an opossum from Hon. L. Whitney Watkins of Manchester, Mich., where it was caught. The opossum, while very rare in the vicinity of the College,

is not uncommon in the southern counties of the State.

Prof. C. D. Smith has written a Bulletin which will be offered next week on the "Shrinkage of Farm Crops." The work was begun and carried forward very largely by the late Prof. A. A. Crozier. Nearly all the common farm crops have been weighed at the time of harvest and then reweighed at the end of six months, and the gain and loss determined. The trials have been at least duplicated in most cases. The results indicate that with wheat the variation on wet and dry days amounts to fully 5 per cent.; with oats the variation in weight is insignificant; with timothy hay the shrinkage from harvest to following spring amounts usually to from 15 to 20 per cent.

Miss Rushmore, former teacher of domestic science here, who now has charge of the work in dietetics in the New York State Hospital for the Insane at Kings Park, Long Island, in a recent letter to College friends says, "I have no definite plans for the summer, only to have all the company I can persuade to visit me. My work is much easier than it was. I have all my evenings free, and have time for a good walk in the afternoon. I am reading Browning and studying a little, but best of all I can see some improvement in the food. Last week was a festive one. I had two guests, both domestic science women, and we (the doctors and families) had a May pole party on the first of May."

Eugene Davenport, '84, Professor of Animal Husbandry and Dean of the College of Agriculture in Illinois University, and C. B. Waldron, '87, Professor of Horticulture and Forestry in the Agricultural College of North Dakota, visited the College on Wednesday, the 15th. Prof. Davenport spoke of their new Agricultural building, the most expensive one in the United States, costing \$150,000, as already containing no

spare room. Prof. Waldron spoke of beginning in North Dakota an agricultural building to cost \$100,000. Our agricultural building cost about \$10,000, but to cover the

ground of the one in Illinois, we should absorb the Horticultural building, the Dairy building, and the Veterinary, costing not far from \$35,000.

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Students Tables at	\$1 50, \$1 75, \$2 00

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NORTON'S HARDWARE.

Old Students.

C. A. Jewell, '96, superintendent of schools, Armada, Mich., made the College a flying visit on May 19.

O. O. Dunham, '86, one of the partners in the McBain Mercantile Co., at McBain, Mich., is looking up the cement industry.

Mr. I. H. Butterfield arrived May 24 at the dignity of grandfather through the birth of a son, Howard Millard, to K. L. Butterfield ['91a] and wife.

Among the papers accepted for publication by the editors of the journal of the American Chemical Society is one on "The Sugars of Jellies and Jams" by L. S. Munson, '97.

THE RECORD extends congratulations to W. J. Breese, '91m, on the birth of Julius Nelan Breese, May 15, 1901. Mr. Breese's address is 303 Third avenue, New Brighton, Penn.

John P. Church, with '91, for some years with Armour & Co., Chicago, is now treasurer of the Standard Embossing Co. of New York and Chicago. New York address 1358 Broadway.

Abraham Knechtel, ['00a] for several years superintendent of the Leslie schools, is taking a course in forestry at Cornell. He is now in the Adirondack woods. He graduates in June.—*Mich. School Moderator.*

E. P. Safford, '91, called at the College Tuesday with a prospective student for next year. Mr. Safford is road-master of the Lake Shore & Michigan Southern, with territory between Jackson and Fort Wayne, and Jackson and Adrian.

D. S. Cole, '93m, in sending us the facts concerning the death of G. H. Rae, says of himself that he "has no complaints to make" concerning his own work and success in New York. May it always be so! It is in the long run the most that any of us can ask.

Edward Allis, with '03, who left College last winter on account of ill health, is now in California with his father and brother. His uncle, E. W. Allis, of Adrian, writes that Edward is driving a mule team and getting experience in managing the four-gang 40-inch plow and harrow.

Miss Lydia A. Trattles with '03w, visited the College on last Wednesday. Miss Trattles now holds the position of society editor and dramatic critic for the *Toledo Evening News*. On August 1st she will leave the *News* and become dramatic critic for the *Boston Globe*. Miss Trattles finds her work "delightful and fascinating." We wish her much success.

Register of deeds Wesley Sears today received the following telegraphic message from his son, Arthur, who was appointed to a cadetship at the national naval academy at Annapolis by Congressman H. C. Smith: "Passed the examinations all right. Wire me \$50." The news that the young man has passed successfully the examinations which admit him to the academy will be received by his many friends with great pleasure, and all wish him every possible success in the navy.—*Jackson Daily Citizen* of May 23. Mr. Sears entered this

college with '03 as a mechanical student. We are greatly pleased at his success.

We cannot forbear quoting two paragraphs from the *Moderator*, on "A JEWELL." It relates to C. A. Jewell, '96a, and shows that he is carrying into his life work that energy directed by good sense which will assure success:

"That's what you may call the recent annual meeting of the Macomb County Teacher's Association held in Armada. That's what Armada is. That's what Armada's school superintendent is—C. A. Jewell? You could see A Jewell hustling around Armada on the morning of May 3, preparing a warm-hearted welcome to the visiting teachers."

* * * * *

"Now, this was not written to entertain nor to instruct, but to point a moral. Ye scribe has attended county teachers' associations before now, where the superintendent, local teachers, and pupils had not for a moment risen to the fact that they were in any manner the hosts of the occasion, where not an effort was made to extend the glad hand to visiting members of the association. 'Tis a joy and comfort to find red corpuscles predominating in the blood, to find people with executive ability and a will to use it. Not only did Supt. Jewell and his teachers make a happier meeting for the visitors, but by interesting the larger pupils put many of them in the way of acquiring a proper spirit toward the profession which some of them will doubtless follow in years to come. And happy are teachers whose townspeople so kindly cooperate in courteous welcome to country cousins. It is not only pleasant, it is profitable. Long live all the Jewells!"

Natural History Society.

Last Wednesday evening Prof. W. B. Barrows gave a talk before the Natural History Society on "Mammoths and Mastodons." The talk was suggested by the fact that teeth and pieces of bones of a mammoth were found near Grand Ledge a few days ago. The mammoth and mastodon are both species of elephants closely related to our elephants of the present day and practically the same size but with tusks much larger in proportion. Geologically the mammoth is much more recent than the mastodon. We know nothing as to whether the mastodon had hair or not but the mammoth had long hair under which was a coat of thick wool. The teeth of the mammoth are in ridges the same as the molars of a horse and have no roots, while those of the mastodon are raised into immense tubercles and have spreading roots. These constitute the principal differences between these two prehistoric animals. Remains of the mastodon are found very much more commonly in Michigan than those of the mammoth.

Hon. L. Whitney Watkins then gave a few well chosen and very interesting remarks on the value of nature study and its relation to our every day life. He also told of some very interesting observations.

At the next meeting will be given a full report of the arrival of the birds this spring and some comparisons made with their arrival in previous years. D. S. B.

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