

# The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 16

EAST LANSING, MICHIGAN, TUESDAY, FEBRUARY 28, 1911.

NO. 23

## HENRY NIEWALD.

The college community was shocked Friday to learn of the death of Henry Niewald, an agricultural sophomore student, in our college hospital. Mr. Niewald entered the hospital on the 16th, and his condition was not considered serious until Friday, when it was discovered that he was suffering from an abscess of the lung. Acute dilation of the heart was given as a contributory cause.

Mr. Niewald was an excellent student, entered into the various college activities with much enthusiasm and was very popular. He was a member of the college chorus and was president of the Phylean literary society, this being one of the new societies recently organized.

Two brothers arrived Thursday and left with the body that evening for Chicago where interment will be made in Greenwood cemetery. The family have the sincere sympathy of the entire college community.

Both the sophomore class, and members of the chorus, of which he was a member, sent floral offerings.

## THE IDLERS.

Mrs. Thompson Burton, of Cheboygan, Michigan, wife of the late Col. T. Burton, of Youngstown, Ohio, will read at the entertainment given by the Idlers in the parlors of the Women's Building, Saturday evening, March 4th. Mrs. Burton has gained an enviable reputation as a reader. She is not an imitator, but reads into her lines her own interpretation of the character. Her French-Canadian stories are inimitable. She has an unusually expressive countenance that adds materially to the success of her readings. Besides Mrs. Burton the committee have been fortunate in getting Miss Freyhofer and Mr. Morse to contribute to the musical part of the program. Miss Freyhofer will add to the pleasure of the evening by playing a piano solo, and will also act as accompanist for Mr. Morse.

### PROGRAM.

To the Sea . . . . . A. C. Mac Dowell  
A Song . . . . . A. C. Mac Dowell  
Miss Freyhofer  
Ballad of East and West  
Mrs. Burton  
Lyrics from "Sapho," Nos. 1, 2, 3  
Words by Bliss Carmen  
Music by Mary Turner Salter  
Mr. Morse  
The Habitant  
Little Bateese  
Mrs. Burton  
Lyrics from "Sapho," Nos. 4, 5  
Mr. Morse  
Mrs. Dix on Culture Class  
A Little Matter of Real Estate  
Mrs. Burton  
Lyrics from "Sapho," Nos. 6, 7, 8  
Mr. Morse  
The Curé of Calumette  
Mrs. Burton



PROF. W. A. MCKEEVER  
Who speaks on "Better Boys and Girls on the Farm," Wednesday at 1:15.



PROF. G. C. HUMPHREY  
Of Madison, who will speak on "Feeding the Dairy Cow," Thursday afternoon.

## THE ROUND-UP.

This year's Round-Up Institute promises to be the biggest ever held, and preparations have been made for a large crowd, every available room near the college having been listed. The general sessions began this (Tuesday) afternoon, and will be held in the auditorium of the Agricultural Building.

As stated before, the lectures by Profs. Kedzie, Jeffery, and Shoemsmith begun last year, will be continued this. The program as arranged, will be carried out with one exception. Mr. E. Cyrus Miller, of Haydenville, Mass., was unable to come, and his place will be very ably filled by Mr. S. T. Maynard, of North Boro, Mass., consulting horticulturist and a practical fruitman in his home state. Mr. Maynard will handle the same subjects that were assigned to Mr. Miller.

The subjects of house heating, road building, fruit growing, play grounds, corn culture, dairying, etc., all have a place, and the subjects handled by Prof. McKeever and Judge Collingwood cannot fail to interest all. The various exhibits will also prove instructive as well as interesting.

The demonstration work will be as follows:

Wednesday, 9:30, Care and Handling of Plants, at College greenhouse.

Thursday, 9:00, Bacteriological Demonstrations, class room, bacteriological laboratory.

Friday, 9:00, Application of Electricity to Domestic Purposes, room 120, engineering building.

Friday, 11:00, Demonstrations in Killing and Dressing Poultry, poultry house.

### WOMEN'S CONGRESS.

Especial attention should be called to the Women's Congress, held Thursday and Friday afternoons in room 109, first floor, agricultural building. Every lady is invited to attend these sessions:

## ALUMNI

'82.

News has been received of the accidental death of J. J. Bohn, of Chicago, formerly of Charlotte. Mr. Bohn has been for some years editor and publisher of the *Hotel World*. He was a student during the years of '78-'79, and a nephew, Floyd Bohn is in attendance at the present time.

Mr. Bohn was struck by a taxicab, which was running at the rate of 30 miles an hour. The accident happened at 9 o'clock on the evening of Feb. 21, and Mr. Bohn died at the Ravenswood Hospital one and one-half hours later without regaining consciousness.

'88.

Henry Thurtell has left Nevada, where he has held, for some time, the position of professor of mechanics and mathematics, and is now located in Washington, D. C. He is chairman of the board having charge of all applications for relief from the operation of the provisions of the fourth section of the act to regulate commerce. There are already 4,000 applications on file, and they are coming in at the rate of twenty-five per day.

'99.

P. S. Rose, of Madison, Wis., was a college visitor on Saturday. Mr. Rose publishes a journal in the interests of agricultural machinery and gasoline engines. He was for several years connected with the Agricultural College of N. D.

'06.

A letter from our old friend and former instructor in farm mechanics, L. J. Smith, now of Manitoba:

"I am now writing to have my address changed to 532 Spencer St. Winnipeg now has a population of 200,000 and the proportion of Smith's is not less than in any American city.

"There are not many M. A. C. people in the northwest as yet. My former assistant, I. D. Charlton, '08, left me last Christmas to start farm mechanic's work in the Washington State College. F. E. Emery, who took engineering work at M. A. C. in 1905-'06, and then went to O. S. U., is assistant engineer for the Manitoba Bridge and Iron Works, of this city. Ford Twaits, '08, is now in charge of the estimating of steel and concrete work of the Winnipeg branch of the Duckworth Boyer Engineering and Inspecting Co. of Montreal. This firm will, I believe, superintend the erection of our new college buildings, the site of which is on the banks of the Red river, four miles south of the city. These buildings will cost about \$1,000,000.

"When more information in regard to the plans, etc., is available I shall be pleased to tell you something about the youngest agricultural college in America."

Thursday Afternoon, March 2, 1:30.

MISS MAUDE GILCHRIST, Chairman.

Music—Piano Solo

Miss Madge Lamereaux

"The Parent's Obligation to the Child"  
Mrs. H. H. Fulcher, St. Louis

Discussion.

Music—Orchestra, State School for the Blind.

"The Prevention of Infant Mortality"

Mrs. C. L. Barber, Lansing

Discussion.

"Health and Beauty in Home and School"

Miss Jennie Buell, Ann Arbor

Discussion.

Friday Afternoon, March 3, 1:30.

MRS. E. J. CREYTS, Chairman.

Music, Piano Solo. - Miss Grace Scott

"Household Management."

Mrs. Emma A. Campbell, Ypsilanti

Discussion.

Music, Choir, Industrial School for Boys

"Business Methods for Farmers' Wives,"

Miss Ida L. Chittenden, Lansing

Discussion.

"The Home Reading Table."

Mrs. Carlton W. Scott, Rapid City

Discussion.

## MAY FESTIVAL OF 1911.

The two May Festival Concerts of this year will be given Friday afternoon and evening, May 19th. The chorus is busy with rehearsals upon Handel's Messiah which is to be given at one of the concerts. Prof. Killeen is about to engage soloists to assist the chorus. In order that the expense of these concerts may be assured citizens and students are urged to co-operate to this end by indicating now the number of tickets that each will buy at the time of the festival. A canvass is being made now and if each will give his support the management can consummate plans for the best festival in the history of the college. An increasingly large number of people look forward with pleasurable anticipation to these concerts which have been of high standard. It is to be hoped that the concerts of this year may be not only the equal of any in the past but even more attractive.

## The M. A. C. RECORD

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B. A. FAUNCE, MANAGING EDITOR

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TUESDAY, FEBRUARY 28, 1911.

WE have the alumni associations at Chicago, Detroit, Grand Rapids, New England, and the recent Portland Association from which we have received much interesting news concerning our M. A. C. men and women. That other cities are catching the "association spirit" is evident from the many letters which come to us asking for information along this line. The influence of good old M. A. C. is becoming broader every year, which is as it should be, and whenever it is at all possible we trust associations will be formed.

The latest call comes from Berkeley, Cal., and G. H. Freear, '10, is the questioner. We quote from Mr. Freear's letter as follows: "I received the RECORD for Feb. 7 and noticed that Portland had started an M. A. C. Club, also that the Chicago Association was booming. I would like very much to see an M. A. C. Club in San Francisco, and have decided to look up any of the fellows who happen to be out here.

"As you perhaps know San Francisco has the fair in 1915 and I should like to get the fellows together as soon as possible and by 1915 we might have a club which would welcome the many M. A. C. people who would be sure to come to the coast at that time."

Ye editor has written Mr. Freear a personal letter and we trust that any one who can help him in this matter will do the same. An alumni catalog is to be published in the near future which will aid materially in this work, but in the meantime the RECORD is at the service of all who catch this association spirit. Let us hear from you.

## HORT. CLUB.

Dr. Nottingham, of Lansing, addressed the Hort. club on fruit growing in Colorado. Dr. Nottingham said that the same effort expended in raising fruit in Michigan that is put forth in Colorado would greatly increase the quality of Michigan fruit. He does not remove water sprouts as they become fruit bearing branches and uses oats as a cover crop. Thirteen tons of sugar beets per acre were raised among the young trees, and at the same time the trees made a healthy growth. Smudge pots are now used extensively and many times have saved the crop during periods of low temperature in the spring. The doctor is now going into fruit raising in Michigan and will endeavor to use western methods in Ingham county.

Mr. Ed. Gibson gave an impromptu speech on horticulture in North Carolina, speaking of the Vanderbilt estate and the Biltmore nursery, which is one of the finest in the south.

## RECIPROCITY DEBATE.

## NEGATIVE WINS ON COUNT OF 291 TO 230.

One of the best things at M. A. C. in a long time was the reciprocity debate on Washington's birthday. No better way could have been found to spend this holiday, and the affair was a success for our student paper, not only from the standpoint of gaining a better knowledge concerning this important question, but from a financial standpoint as well.

The affirmative was upheld by Dr. Hedrick, Prof. French, and Prof. Ryder, and the negative by Pres. Snyder, Dean Shaw, and Sec. Brown. At close of the debate, according to previous arrangement, a vote was taken to determine the winners. From the nature of the decision the audience considered the debaters very evenly matched, the vote standing 230 for the affirmative and 291 for the negative. It was estimated that about two-thirds of the audience voted.

## AFFIRMATIVE.

Dr. Hedrick, for the affirmative, contended that this proposed treaty was simply an application of the golden rule, and would give us a larger and broader civilization, and that, in the light of the present high prices, the move was in the interests of the consumer. "It is a question," said he, "in the interests of the whole people and not for one class only. The farmer should not be allowed to monopolize our markets."

Prof. Ryder mentioned wheat and lumber as two commodities which, according to the negative, should not be admitted free, as it would materially injure our own markets. He argued that the price of wheat was regulated in Liverpool, and thus could not affect our U. S. market. Concerning lumber, we need more of this, and why keep it out by high tariffs. It was to the interests of the consumer, that he be able to buy this product more cheaply. The supply in this country will soon be exhausted, and forest conservation should be encouraged.

Prof. French stated that the farmer is not the only producer, and mentioned the value of products shipped into Canada last year as compared with those imported. By admitting Canada's products free, there would be given more labor to our workmen in transportation, more money would be in circulation, and thus the people as a whole would be better able to purchase the necessities of life. Under reciprocity more articles would be sold, greater returns would be realized and prices would be equalized. It is a question of the greatest good to the greatest number.

## NEGATIVE.

Pres. Snyder was the first speaker for the negative. He stated that agriculture was the basic industry of this country and should be protected in every way possible. It would be a serious mistake to allow Canada to flood our country with agricultural products. They would take back our gold, and that is what they are after. This is not reciprocity. The importation of wheat, live stock and timber will not help the consumer, as these are shipped to our big manufacturing plants to be transformed into flour, meat and finished lumber.

Dean Shaw asserted that the prosperity of the country depends upon the farmer, and there are at the present time 50,000 farmers petitioning that this matter be delayed until further consideration be given it. The speaker stated that he had lived on both sides of the line and was satisfied that, on account of low taxes, cheap living, etc., this country could not compete in many ways, and that it would suffer by reason of this treaty. This is not reciprocity, but a "pact." The speaker gave comparative prices of Toronto and Chicago on various products, and stated that already this proposed "pact" was having its effect.

Sec. Brown, the last speaker, asserted that up to this time every thing possible had been done to further the interests of the farmer, but now, without warning, an attempt was made to sandbag him. The speaker stated that his opponents were trying to make this thing a social affair, but he considered it a serious proposition. "Uncle Sam and Canada are welcome to their 'pink teas'" said he, "but the American farmer should not be called upon to pay the bills. The time has not yet come when 60,000 American farmers will lie down and be walked over for a mere political consideration."

The five minute rebuttals were good, the band and the Aureoan quartet furnished excellent music, the crowd was satisfied, and the *Holcad* venture was a success in every way.

## ENGINEERING LECTURES.

The lectures delivered by Mr. Miner Chipman, a "Standard Practice and Efficiency Engineer" of New York City, on Monday and Tuesday of last week were very well attended. Mr. Chipman came with the intention of addressing the class in works management particularly, but such an interest was shown as to include not only all engineers, but also others whose work is confined to other departments than that of engineering. The result of this was that the large lecture room used was taxed to overflowing in every instance. Even though extra seats were pressed into service and a number were obliged to stand.

Mr. Chipman delivered four lectures, some of which lasted nearly two hours. Conference periods were also held to permit of more informal discussion on the subjects considered.

Mr. Chipman spoke on "The Twelve Principles of Efficiency" which were first enunciated by Mr. Harrington Emerson, with whom Mr. Chipman is associated, as follows:

1. Definite Plans and Ideals.
2. Supernal Common Sense.
3. Competent Guidance.
4. Discipline.
5. The Fair Deal.
6. Dispatching.
7. Reliable, Immediate and Adequate Records.
8. Determination of Standard.
9. Standard Practice Instructions.
10. Standardized Conditions.
11. Standardized Operations.
12. Efficiency Reward.

In a very interesting and fascinating way he discussed the relation of these principles and their application to works management. He next took up the subject of line and staff

organization as applied to industrial plants. He showed how these different branches of an organization developed, and explained their relation to each other.

The environment of the shop was next considered. The general antipathy of organized labor toward the establishment of anything that savored of system was explained, and the methods of obtaining the good will of the men discussed. Efficiency was shown to mean not harder drudgery, but the doing of more work with less effort. Scientific study of operations, "time study" and definite standard instructions for turning out work were carefully explained. It was shown that if one is to profit by time study it was necessary to furnish to the men what was found to be the best methods of working, to supply the materials required and the necessary tools at the right time in a systematic manner, and to avoid obliging a higher priced man to do work that much cheaper labor can do equally well, or requiring the idleness of a costly machine while the operator hunted up or prepared tools to be used in it. Mr. Emerson showed how these principles have been applied in a wonderful way in even so common place a work as the laying of brick. The different wage systems and methods of rewarding and acquiring the co-operation of the employees was carefully discussed.

The history and development of many of the different wage and rewarding systems was illustrated in a very striking way by means of diagrams, and the advantages and disadvantages of each discussed.

It is hoped that before the end of the term at least one other outside speaker will address the engineering students on some phase of works management.

EDWARD J. KUNZE.

## APPRECIATION.

The following letter dated Lexington, Ky., Feb. 18, to Dr. C. E. Marshall, gives one an idea of the value of the virus and serum which is being sent out from our bacteriological department and used for the prevention of hog cholera. In this work, the calls within the state are supplied first and the surplus sold to other states. We have received many letters from breeders in our own state similar to this one:

"I have been intending to write you since the treatment of my hogs but have been away part of the time. I surely wish to thank you very much for the promptness in which you responded to my case through Prof. Good for the virus and serum you shipped me the last of December. I can say that I am about \$8,000 better off than I should have been without it. I have had phenomenal results, only losing one after the treatment. Several were too far gone to treat. As a trial we did put serum to one and saved her. Out of the 84 hogs inoculated, I only lost one. My stock is now back on its feed and doing splendidly in every way. I cannot thank you people enough for your promptness, and if the time ever comes that I can be of any service to the Michigan agricultural college I wish to assure you I shall not be found lacking.

"Most respectfully,  
"R. J. HUGHES SPURR."

GOV. FOLK.

Ex. Gov. Folk, of Missouri, spoke on "The Awakening of the Public Conscience," Thursday evening in the Armory, and gave something of a history of the graft which seems to be quite prevalent these days. The speaker dwelt a great deal on the disclosures recently made but would have his audience understand that the world was not growing worse. The fact that these men are being brought to justice is simply a proof that the public conscience is being aroused and that graft and greed must be put down.

We need more men who will *live* for the country, said he. It takes greater courage to do this sometimes than to die for one's country. To attempt to serve a commonwealth and to uncover and bring to justice such men as have practiced bribery and graft for years, was the work of Gov. Folk in Missouri, and though the speaker scarcely mentioned his own personal work, the majority of his audience knew of the good accomplished in his own state.

ALPHA ZETA-TAU BETA PI.

The Alpha Zeta-Tau Beta Pi joint party which was given on Tuesday evening, the 21st, was a success from start to finish. Some 70 couples participated in this "time" of joy. Twenty dances were given, two of which were feature dances, one being of the A. Z. and the other the T. B. P. characters.

The decorations were such as to designate the two honorary fraternities. The stand for the college orchestra was fenced in by mechanics' hammers; white shocks of wheat were used as corner posts. Two archways were built, one being constructed of Tau Beta Pi bents, while the other was of such a nature as to represent the Alpha Zeta. Each fraternity had its cozy corner being so constructed as to designate the two organizations. That of the Alpha Zeta was fenced in by a picket fence upon which were hung rakes, axes, halters, etc., while on the inside sacks of grain were used as seats. That of the Tau beta Pi was latticed in by C. E. Poles interwoven with chains from the same department. Around the outside were placed numerous mechanical models.

The lights in the outer and dance halls were decorated with shades made of green tissue paper, each having a "hobbled" effect. The Alpha Zeta room was the drawing spot of the evening. One boxed light and one large drop-shade light furnished the illumination, the former being an "eye catcher." Cinerarias, boxwood, and ferns were used to bring out the effects of a conservatory.

This party was the first of its kind ever given in the history of this institution, and it is anticipated by some that each of the fraternities participating in this party will give one of their own during the spring term.

Benj. L. Smit, who was obliged to leave college last term, writes from Redondo Beach, California, that he has made magnificent gains in health and strength, and is confident that he will soon be in condition for anything.



G. VERNE BRANCH  
Petoskey



JANET RENWICK  
Mt. Pleasant

JUNIOR HOP.

The J. hop of 1911 is now history, but those who attended will not soon forget the greatest occasion of its kind in the history of M. A. C.

The Masonic Temple presented a beautiful scene Friday night. A large apple tree, laden with blossoms, occupied the center of the room, while smaller ones were placed at the entrance ways and in front of the orchestra. Vines, southern smilax, hanging baskets and flowers were everywhere, and the ball room presented the appearance of a beautiful garden. Mission lanterns, hung from the balcony, furnished light for the merry-makers.

The walls of the dining room were beautifully decorated in southern smilax, and the tables with flowers, ferns and candles. The favors were red and white carnations. The committee on decorations were Max Gardner, Mary Richardson, Irene Carter, H. V. Collins and M. J. Gearing.

One hundred and thirty-nine couples attended, and the patrons were President and Mrs. J. L. Snyder, Prof. and Mrs. H. J. Eustace and Dean Maude Gilchrist.

The young people began to assemble about 5 o'clock, and punctually at 6 o'clock the banquet was served. The menu was: Fruit cocktail, wafers, olives, celery, pickles, fillet of fish, lemon sauce, Saratoga potatoes, roast tenderloin beef, champagne, mashed potatoes, French peas, rolls, jelly, Junior punch, Rothe rube salad, pimento canapi, fancy ice cream, white cake, nuts, mints, coffee. The menu cards and programs were folders adorned with "J," and on the first page was the announcement of the party, on the second the menu, and on the third the toasts in rhyme, the first letters of which spelled "Juniors." The last two pages were left for autographs.

G. Verne Branch, of Petoskey, president of the class, acted as toastmaster, and the following members responded:

- H. L. Bancroft—"The Girls."
- Bessie G. Howe—"The Pedagogue."
- Chas. H. Dickinson—"The Athlete."
- Aledia Dearborn—"12."
- O. W. Schlensmer—"The Future."

All drank a toast to M. A. C., the president giving the following toast:

"Since now repast is over,  
While our hearts are full of glee,  
While we are living out the dreams  
Of whole years—nearly three;  
Shall Alma Mater be forgot?  
A thousand noes say we;  
Now stand right up and drain the  
cup."  
For dear old M. A. C.

Dancing began at 10 o'clock. The grand march was led by President Branch and Miss Janet Remmick. Finzel's ten-piece orchestra furnished the music. A large number of out-of-town guests were present.

A MODEL HOUSE.

While visiting the wood shop in farm mechanics we were much interested in a particular phase of the work of the "short course" men that was completed under Mr. Wells Sizer.

Sections of six men each have erected there a model dwelling house, six by nine feet and six feet high, exact in scale and every detail.

Each section started with the manner of laying out the building and had a part in the proper method of construction from foundation to rafters. At the same time they were instructed in "the mathematics of construction."

They handled the subject exactly as they would had they been building a full sized house or barn of any dimension. Best of all, they learned how to lay off each piece that entered into the building and why the methods were economical and practicable.

Each man was required to make daily notes of the various steps, and at the close of the course, produce drawings showing the complete system. The students were much interested in the work but since Instructor Musselman had not determined to go so fully into this work until the term had opened, it was possible to give it to not more than 50 out of the 160 members of the class.

Next year he hopes to make it possible to give the work to all that may wish to take it. One student who became unusually proficient said he would save \$150 in the building of a new house his father had decided upon.

Remember the Hope—M. A. C. basket ball game on Thursday of this week. Every student is expected to be present.

SOME PRESENT DAY PROBLEMS IN TECHNICAL EDUCATION.

Michigan Engineering Society, Lansing, January 10, 1911.

G. W. Bissell, East Lansing, Mich.

(Continued from issue of Feb. 14.)

Out of the much conversation about the subject matter of the course of study which shall properly qualify a young man to enter the field of engineering practice, one can now discern strong tendencies toward the conservation of three ideals;

- (a) A general course for all undergraduate engineers.
- (b) A liberal admixture of the humanities.
- (c) The professional degree to be earned by achievement *after* graduation.

The presentation of the subject matter, the teaching work of the technical school, whatever the ideals and details of the curriculum, presents the most serious problem of the whole subject, and its seriousness is growing day by day.

The teaching work depends for success upon the student, the teacher, and the material equipment. Of these, the last is least and the first two are first in importance.

The student and the teacher are a team, well mated or not, depending upon the personal attributes of both, not only as to moral, mental and manual equipment, but as to temperamental fitness and fondness, each for his share of the load.

Under present conditions in many institutions, the teacher is frequently as much raw material as the student. Both might properly be selected, if such a thing were possible, as it some day will be, on the basis of a vocational examination. If, however, such a test were applied to-day, we would have a plethora of students relatively and a dearth of teachers, because institutions of learning cannot, or think they cannot and therefore do not, offer sufficient inducements to obtain, much less to retain, as instructors, men of the right caliber and experience for teachers of either elementary or technical subjects. The real problem to-day at institutions with which the writer has been and is connected and others which like them are overrun with students, is to amend the financial policy in this regard. To do this means in some cases a changed view point on the part of the authorities, in some, increased support, in others better selected and consequently fewer students so that present resources will enable the securing and retention of teachers of adequate qualifications for efficient teaching service.

"This is especially true in engineering schools where the ideal professor is the man who knows his subjects not merely as they exist in printed rules or texts, but as they have lived and grown, in his thoughts and have been tried by his practice, a man whose fund of information is large and whose professional experience has led him in broad lines. He is not only a masterful teacher, a leader of thought in the field he represents, but is one able to stand among professional men and aid in their discussion of practical problems. The presence of one or two fine men, however, is not sufficient for the modern state college of engineering, but in these later days the staff must be strong

numerically as well as individually."\*

The problem of administration is not discussed at length in this paper, and the only suggestion to be here advanced is that the problem of properly planning and operating the business and clerical work necessarily incident to administration should be solved otherwise than by the prevalent method of loading it upon the shoulders of heads of departments and others whose principal function should be teaching and investigation. Investigation is a real duty of the true teacher.

"The effect of engineering research is so great in stimulating the activities of professors and students, and in maintaining correct ideals with reference to all things mechanical, that no state college of engineering is to be regarded as performing its full function, which fails to devote a portion of its energies to such investigations."†

"To sum up the whole question of engineering teachers we need more money for men, enthusiastic men, gifted for teaching and scientific work. With such an endowment the work will produce results of untold value to our students and the institution. Without it there is only discouragement for all concerned."‡

The problem of placing graduates is not a serious one.

Out of the wreckage which the writer has been casting upon the shore of your patience, he would ask you to consider worthy of salvage the idea that the promotion of engineering education depends very largely upon the solution, by co-operative thought and action of those inside and outside of the schools of these and other problems, but chiefly with those concerned with securing better selection of students and greater attractions to those who should be educators to enter that calling.

\*Dean W. F. M. Goss, University of Illinois.  
†Dean W. F. M. Goss.  
‡Mich. Board of Agriculture, 1908, p. 58.

### AMHERST LETTER.

Of course we read the *State Republican*—now *Journal-Republican*. After getting used to *Collier's Weekly*, the *Outlook*, *American Magazine*, *World's Work*—all expurgated of sensational advertisements, I am anxious to know how your readers manage not to read advertisements of patent nostrums, which are ingeniously mixed in with foreign and domestic and legislative news. Medicines to cure heart disease, cancer and consumption?

Some students here wear coats with immense checks such as lumbermen at one time wore in northern Michigan. Saginaw plaid, is it?

Last week, E. A. White, professor of floriculture, advertised to exhibit wreaths and table decorations made by juniors and short-course students. There were 37 wreaths two feet across, including some pillows and others. These mostly stood up on wire legs—and were made of leaves of Galax ferns, asparagus, callas, carnations, sweet peas, hyacinths, tulips, violets, narcissus and a few others. Three tables were decorated, besides a side table. No prizes were given this year. Criticisms were to be in order in subsequent lectures. Besides flowers and plants taken from the 16 rooms of the college greenhouses, stock for

these designs was purchased at a cost of \$60. By the way, it is a treat to go through their tidy greenhouses.

President Butterfield is moving about a good deal these days, looking after the interests of agricultural education. He informs me that on the evening of February 24, 1911, at 6 o'clock, we hold what we call a "College Night." It consists of supper at the dining hall, participated in by students and members of the faculty, followed by a short program of speaking. The general subject for this year is "Agricultural Opportunities." Each speaker is supposed to take ten minutes.

1. Agricultural Opportunities in Farming. J. H. Hale, Ct.
2. Agricultural Opportunities in Agricultural Journalism. G. C. Sevey, New England Homestead, Springfield, Mass.
3. Opportunities in Agricultural Science. Dr. Beal, Amherst, Mass.
4. Opportunities in Agricultural Education. Dr. R. W. Stimpson, Smith's Agricultural School, Northampton, Mass.
5. Opportunities in Rural Leadership. Principal Frank L. Boyden, Deerfield, Mass.

You have doubtless received a notice that in Boston, March 3rd, occurs the annual meeting of New England alumni of M. A. C.

Ray Stannard Baker is on the way to Hawaii, to look into the labor troubles there occasioned by Japs and Chinese. W. J. BEAL.

### AN INTERESTING LETTER FROM ALABAMA.

GRAND BAY, ALA.,  
Feb. 7, 1911.

Editor M. A. C. Record:

If you meet a man in this neck of the woods, and he says, "How d'ye do!" You ask him what part of the north he came from and its likely he will say, "From Michigan." But if you meet a man and he says, "Good eve'nin," then you know he is a native, and you ask him, "How is you all today?" and he will tell you he is "Jess tollable."

If you want to see a country which is awakening from a long sleep, just cast your eye over the Gulf Coast region; and it is northern people who are disturbing its slumber. I walked out in the country today, and the first man I met came from near Lansing. The next

one came from Chicago, the next from Tuscola county, Mich. And they are coming by the car load. Sixteen families are expected to arrive tomorrow. New houses are springing up in the woods as fast as mushrooms in Woodbury's pasture after a warm spring rain.

Talking about spring; the farmers here are planting potatoes, corn and beans. And they will soon be harvesting garden truck which was planted in December.

If I was a young M. A. C. graduate, with a hatful of theories, a pocketful of money, and an ambition to do or die, I would be glad to have somebody tell me of the opportunities this country offers and the natural advantages it has over the northern states. And then I wouldn't believe what I was told till I had come down here and proved all things for myself.

This is just the place for dairymen, farmers, fruit growers and anyone else who wants to grub their living and wealth from the soil. One could make a living from the rivers and bayous, too, if that was preferable to digging it from the ground. Fish and oysters are to be had merely for the trouble of taking them out of the water. Even alligators are to be had, in unlimited quantities, just for picking them up, if you don't let them see you first.

The Michigan people around here have a reunion once a year; they call it Michigan Day. It is to be the 22nd of February this year. I met a Hillsdale man in Pascagoula, Miss., a few days ago. I, of course, asked for football news. He saw the M. A. C.—Mich. game last fall, and he says it was M. A. C.'s game all the way. Naturally I was glad to hear that even if it was a long time coming.

I see many trees and plants here which I wish would grow on the M. A. C. campus. There is one plant, especially, which would be all right there, and some time near Christmas, if I can get a day off so as to stay right by it after it is planted, I would like to bring about a hundred of them up there and plant them all over the ceiling of the corridors in the Women's Building: It is the mistletoe.

C. E. WALTER.

[A good letter from our "College Photographer," who was a resident of this community for several years.—ED.]



A REMINDER OF SPRING.

### THE BOY WRITES HOME.

DEAR DAD:

Of course you've read about the awful smallpox scare, Worst of it is, nobody here can go off anywhere.

It's tough, I say, a beastly shame—O, turkey wing, sublime—What luck to have this fuss kicked up About Thanksgiving time.

The other day, I had a pain—I'd eat two pumpkin pies—The doctor came an' read my case with skeery looking eyes. He shook his head an' acted out a sorry pantomime.

Says I, "O, kid, you don't get home This here Thanksgivin' time."

"Backache?" the cove was after me, I saw it mighty quick. It ain't fer nothin' thet I read the International Die. "Look here," says I, "I aint much sick; But now, I'd bet a dime, you're fixing me for smallpox, sure, About Thanksgiving time."

Well, he was mad, you bet he was, just mad enough to kill; But I had him, because you see, I hadn't paid the bill. An' if this sphere I want to leave fer a more celestial clime, I'll let that fellow hold my pulse About Thanksgiving time.

I'm better, Dad, my stomach now is workin' as it should. An' I can eat most anythin', indifferent, bad or good; But how can I be thankful now, an' sing those hymns, sublime, Unless I'm back home with you, This here Thanksgiving time?

Isabella County Courier.

BILL.

### RESOLUTIONS.

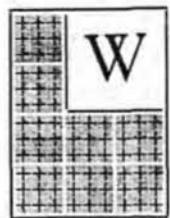
East Lansing, Mich.,  
Feb. 24, 1911.

Whereas, Almighty God has seen fit to remove Henry Niewald from our midst, be it

Resolved, That the Sophomore class extend sincerest sympathy to his parents in their sorrow, and be it also

Resolved, That a copy of these resolutions be published in the *Holcad* and *RECORD*.

H. CLOTHIER,  
W. S. FIELDS,  
L. C. CAREY,  
Committee.



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**ABOUT THE CAMPUS**

Last week closed the work of the most successful short course session ever held.

H. N. Palmer, with '11, is now chief engineer of the Imperial Auto Co. of Jackson, Mich.

Miss Katherine Koch, '09, a teacher in the Mt. Pleasant Normal, was a college visitor Friday of last week.

The annual oratorical contest takes place Friday, March 3rd, at Ypsilanti. K. D. Van Wagenen is our representative, "The Newer Justice," his subject.

About 200 men and nearly as many women attended the Band promenade given in the armory Wednesday. An excellent program was given and the afternoon enjoyed by all.

Mr. Ira Butterfield, who has been in poor health all winter, has left Bay City, and is now at Hickory, N. C., where it is hoped he will regain his strength rapidly. Mrs. Butterfield was formerly Mattie Groat, daughter of our club purchasing agent.

Ten thousand copies of the Spray Bulletin No. 54 was ordered, and already the supply is nearly exhausted. The bulletin is in the form of a calendar, and gives formula for sprays of all kinds, as well as definite information concerning when and how to apply. The work covers all classes of fruit, and is one of the best publications ever issued on this subject. Profs. Eustace and Pettit are the authors.

Miss Elizabeth Pettit, of Saginaw, is visiting at the home of her cousin, Prof. R. H. Pettit.

C. E. Johnson, '05, Detroit, and A. H. Crosby, '06, New Buffalo, were among the college callers last week.

The junior and senior students in horticulture plan on going to Grand Rapids Friday, March 3, and will spend the entire following day inspecting the greenhouses in the vicinity of that city.

The *Michigan Manufacturer*, of Detroit, published in its issue of Feb. 18 an interesting article by Prof. E. J. Kunze, of the engineering department, on the course in works management at M. A. C.

J. H. Skinner, '01, stopped at M. A. C. Saturday on his return to Kazoo Co. from Bay City where he has been in attendance at the Dairymen's Association. "Dad" is a thriving dairyman in his home county and is enjoying life to its fullest extent.

Prof. and Mrs. Newman entertained the members of the Student Citizenship League and the teachers and officers of the Sunday school, Wednesday evening, at their home on College Heights. Twenty-four flags were scattered about the various rooms, and the guests were asked to make a list of these, stating the country or nation represented. February birthdays of famous men were also made the subject of a guessing contest. Refreshments were served and the evening enjoyed by all present.

Grace Clark, with '11, of St. Johns, visited at M. A. C. last Saturday.

Instructor Musselman, of the farm mechanics department, is one of the latest victims of mumps.

LOST.—Pair white silk gloves and tan Phoenix muffler Tuesday night in Armory. Finder please leave at library.

The short course men enjoyed a banquet at the Wentworth hotel, Thursday night. About 60 men participated. Dean Shaw, Mr. Wells Sizer and members of the class responding to toasts.

The High School Union of Mason has just completed arrangements with the College band for a concert to be given at Mason Tuesday, March 7. Prof. King will accompany the band as reader.

At the Republican state convention to be held in Saginaw on March 3 among the state officers to be nominated will be two members of the State Board of Agriculture in place of W. L. Carpenter, of Detroit, and W. J. Oberdorffer, of Stephenson, whose terms of office expire Jan. 1912.

Arrangements have been made with Mr. David Woodward, of Clinton, to speak at the Hort. Club on Wednesday evening. Mr. Woodward is an active horticulturist, 86 years of age, and the students, especially those who had the pleasure of meeting him at Benton Harbor last fall, will be glad to welcome him on March 1.

Instructor Osler, of the Dept. of Zoology, is entertaining the mumps these days.

The sophomores held a very enjoyable party in the armory Tuesday evening of last week.

A line from Detroit, dated Feb. 26, announces the birth of a daughter to Mr. and Mrs. E. C. Pokorny, '07.

Adna Sloss, with '12, of Big Rapids, attended the J. hop, and is spending a few days with college friends.

The senior girls entertained the ladies of the faculty Wednesday (Washington's birthday) afternoon very pleasantly.

Born — to Mr. and Mrs. A. C. Jensen, of Collegeville, on Feb. 16, a son, Ernest P. Jensen. Mr. Jensen is one of our college carpenters.

"Hydrophobia," was no doubt published as a joke, but how Lansing business men can afford to patronize such a "far-fetched" joke is something which we are unable to understand.

The engagement of Lieut. W. D. Frazer and Miss Shirley Gardner, both '09, was announced at a six o'clock dinner given by Miss Gardner Wednesday evening. The wedding will take place in June.

The Delta Club gave a delightful party to their friends on Friday evening, in the assembly room of the agricultural building. Music, dancing, and games were the amusements, and were enjoyed by all. Coffee and sandwiches were served.

## COLLEGE HALL.

My dear Editor:—From the RECORD it is inferred that there has been talk of destroying College Hall and it is hoped that it was idle talk and has long since ceased. To the older graduates the removal of the single substantial structure of the early college days is like striking down a faithful mother after she has passed her prime. This country has a bad name for commercialism and it is high time that we turned our fixed gaze upon money-getting, and begin to see life in its true perspective. Nothing becomes an institution of learning more than the fostering of this change, and in no way can we do it better than by expressing a keen respect for those things that make for true historic values. There are many things that grow more precious as the centuries roll on, and by and by future generations will cherish the ancient landmarks and condemn unstintedly those vandals who, in times passed, lifted their destroying hands against many an object that might have become a sacred heritage.

We older graduates who lived our college life in those years when our Alma Mater struggled beyond present day belief for her very life, and received all our class room and laboratory instruction under her roof, the Old Hall is very dear. If she is no longer suited to former services let a tablet be placed in each of the various rooms giving in a few words their former occupation, as "Chapel from such to such a date," "Chemical Laboratory from — to —," and "Library, — to —," etc., and then devote the building to museum or other purposes where the hosts of visitors may be entertained, instructed and inspired.

By all means let the Old Hall occupy the place where its founders placed it, and where its walls will tell silently the story of the fight of the fathers for agricultural education, so far as it can be done in bricks and mortar.

Let the college youth of all future generations have a constant memorial of the measureless regard in intellectual institutions for those higher values that are far above the common measure of the financial world and make for peace and prosperity. If we would save to posterity the many natural wonders of our country from sordid commercialism and develop a fondness for the best achievements of bygone days, we may well foster at the centers of higher education a clearer sense of the historic worth of ancient college buildings.

If there were only five acres to the campus, and no more adjoining land could be acquired, it even then would be a piece of vandalism to raze Old Hall to the ground that a larger and more useful building should take its place. Build around it—there is ample room in this case—and let the mother have her young and enjoy, if you please, their being better adjusted to their generation. Let the classes place their year-stones in her walls, and plant their ivies there.

A hundred years hence, when our rural life has come still more fully to its own, there will be those who will take pilgrimages to see the sacred place where the first agricultural college reared its walls and worked out the initial problems of industrial

improvement, and I trust they may have College Hall preserved to them, not only against the hand of man but the lightning and the floods. The latter we must leave prayerfully to Providence, but the former is for those in authority to be insistent upon now and always.

The above has been written on Washington's birthday with the flags floating in the breeze, and I wish it might reach my college mother on her birthday, when at least an hour is set apart and the book of her full years is opened (the Stars and Stripes and M. A. C.'s banner waving side by side), and the young men see visions and the maidens dream dreams of their alma mater's future service to the state and nation.

Yours very truly,  
BYRON D. HALSTED, '71.

## MAKING MEN'S HEARTS TO SING.

How many hearts have I made to sing  
This day as I passed along?  
How many spirits have lifted wing  
At the melody of my song?  
How many sorrows have men forgot  
Because of some word I said—  
These are the questions we ought to ask  
As over the world we tread.

How many hopes have I caused to burn  
This day with a thought of cheer?  
How many souls have I helped to turn  
This day from their mortal fear?  
How many feet have I moved to dance  
With a tingling tune of love  
As they lifted their eyes in a dream to glance  
At the sweet blue skies above?

How many thorns have I helped to draw  
From the crown that men must wear?

What have I done for the broken law  
That has doubtless placed them there?

How many burdens have felt more light  
For a thing that I have done  
This day all golden and sweet and bright  
In the fresh air and the sun?

How many sorrows have ceased to grow  
Because this day they have heard  
Some old sweet song that they used to know  
In the fields of the bloom and bird?  
How many souls have been roused to sing  
For themselves as they sang of yore?  
How many dreamers have dreamed of spring  
By the sea on a golden shore?

How many eyes have I opened wide  
That were closed before I came  
To the lovely beauty of all outside,  
The hills and the skies of flame?

How many hearts have been lifted up,  
Till they, too, sang, I say?

Ah, that is the question that fills the cup  
That we drink from day by day!

—Baltimore Sun.

'05.

Notice just received of the birth, on Feb. 22, of Wilner C. Bennett, Jr., to Mr. and Mrs. W. C. Bennett, of Denver, Colorado. Mr. Bennett is a graduate of the class of '05, and Mrs. Bennett was formerly Miss Mary Tuomy, a graduate of the U. of M. Training School for nurses, class of 1908. Congratulations.

'07.

Born, to Mr. and Mrs. Shelby Race, 523 Maple St., Lansing, on Sunday, Feb. 19, a son.

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## RESOLUTIONS.

Whereas, It has been the will of our Heavenly Father in His infinite wisdom to call from this life our brother and president, Henry Niwald, be it

Resolved, That the Phyleon Society extend to his relatives our heartfelt sympathy in their sorrow, and be it

Further Resolved, That a copy of these resolutions be published in the *Holcad* and the college RECORD.

CLAIR GIBSON,  
ALBERT J. OLNEY,  
GEO. E. SMITH,  
Committee.

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