very severe burn from the steam pipes but pluckily played out the game. Alma treated one boy royally and won fairly. The final score was 22 to 14.

**The line-up:**

**ALMA:**


**BASE BALL SCHEDULE.**

April 14, Detroit College at M. A. C.

April 22, U. of M. at M. A. C.

April 26, Alumnae at Alma.

April 27, Kazoo at Kazoo.

April 30, Detroit at M. A. C.

May 2, Hillsdale at M. A. C.

May 7, Alma at M. A. C.

May 9, Kazoo at Alma.

May 15, Kazoo at M. A. C.

May 20, U. of Wisconsin at M. A. C.

May 21, Olivet at Olivet.

May 26, Alpine at M. A. C.

May 28, Alma at Alma.

May 30, Ypsilanti at M. A. C.

This has been approved by the athletic committee and will be submitted to the faculty.

**NOTICE.**

A recital will be given by the students of the music department in the Women’s Building, on Friday evening, March 4, at 7:30. All are invited to attend. Those who have attended previous recitals will not miss this opportunity to listen to some high-class music.

**PROGRAM.**

Dance Caprice, (Piano Duet) Nevin

Shower of Pearls, Paul Wachs

Miss Florence Liker.

Under the Leaves, Francis Thome

Pianist Miss Oran Luther

Song of the Bathers, Paul Wachs

Miss Ethel Hume

Fifth Nocturne, Lepcha

Miss Mae Louise Reed

Waltz, Chauncey National | Edward Grie

Miss Myrtle Hayward.

Fantasie for two Pianos, arranged by

Carney

Misses Freyholzer and Mack.

**ORATORICAL CONTEST.**

At the Seventh Annual Contest of the Michigan Oratorical League at Adrian next Friday evening the colleges will be represented as follows:


Albion, "Tyranny or Tolerance," A. B. Lancaster.


Olivet, "Zwingli," J. M. Lee Fel­

**Y. M. C. A.**

Mr. G. W. Nichols led the Thurs­

day evening prayer meeting. Sub­
ject: "Our brother’s burdens and our own." The discussion of the subject by Messrs. C. H. Oven and C. A. Reed was interesting and suggestive. The meeting was well attended.

Rev. French of the Central Methodist church, Lansing, conduct­
ed Sunday morning chapel services. The sermon was practical and was enjoyed by all.

Mr. Clarence Holmes, Supt. of the School for the Blind, gave a talk Sunday evening in chapel, before the union meeting of the Y. W. and Y. M. C. A.

The attendance was good and the address was interesting. W. H. N.

**ALUMNI AT THE ROUND-UP.**

Thomas F. Rogers with ’75; C. C. Lillee, ’77; Guy Welle, ’78; G. B. Collingwood, ’83; F. R. Smith, ’87; J. H. Brown with ’87; C. B. Civilti, ’89; N. S. Dowell, ’90; D. V. Crosby, ’93; A. B. Cook, ’93; G. J. Baker with ’95; E. M. Hunt with ’95; G. H. Hilton, ’00; S. F. Gates, ’03; J. G. Moore, ’03; A. C. Digby, ’03; E. O. Elmer, ’03; Alice Halsey, ’03; B. F. Looman with ’03; W. F. Looman with ‘05. Perhaps there were others present but we do not know of them.

**NOTICE.**

Mr. D. Leigh Calvin, National President of the Inter-Collegiate Prohibition Association, will give a recital Friday evening at 7:30, his lecture: "Good Citizenship: the Opportunity:"

Everybody is cordially invited.

**NOTICE.**

Mr. L. E. Buell, state secretary of the Y. M. C. A. will address the union meeting of the Y. W. and Y. C. A. next Sunday evening,

March 6. Mr. Buell is an interest­

ing speaker and has a message to young people. Come out to hear him.

**ALUMNI.**

With ’97.

Edna L. Morris, a member of the sub-freshman class last year and a special student last fall, died at her home in Mulliken, Thursday evening, Feb. 25. She was in school about four weeks last fall. She was a member of the Sororian society. Miss Tyler and Miss Kennedy attended the funeral, which was held last Saturday at one o’clock. Miss Morris was of a gentle, lovable, quiet disposition and made many friends while at Col­

lege. The College community exten­
s its sympathy to the bereaved family.

With ’05.

W. E. Piper was drafting for the American Blower Co. in Detroit, all summer and has given them such satisfaction that they sent him to New York, where he does all the drafting for the branch office. He intends to come back to M. A. C. campus next fall, and has been improving his time by studying French and German in night school. He would be very glad to hear from M. A. C. friends. His address is 258 Kyseron St., Brooklyn, New York.

"TIC" MINSTER.

The Eclectic Society entertained its friends Saturday evening with a minstrel show. With very few ex­
ceptions those who received invita­

tions were on hand and the rooms were well filled.

Many of the jokes and gags sprang by the en­

tertainment were agreeably surprized by his abilities as a Buck and Wing dancer. M. A. C.

Mr. Reed, assisted by Cesar Augustus White, gave a banjo duet of the kind that always calls for a repetition.

In their character sketch Messrs. Cavanaugh and Verran created fun and laughter and made quite a hit with their original songs.

Owing to difficulties in changing complexion Mr. Kimball failed to furnish his song in the Ohio. Daniel Clay Cornblossom added consider­

able to the wit of the audience by an edifying stamp speech.

The program closed with a farce entitled "20 Trills." Two stars were discovered in the cast and they were unable to be heard from some day on the stage.

Between the acts refreshments, with partook of the nature of souvenirs, were served by the usherettes.

Mr. and Mrs. Reed acted as chaperones for the occasion.
The Ninth Annual Round-up has come and gone. The attendance was good at all of the sessions and the interest was excellent. Prof. Taft was everywhere and kept things running smoothly. Many tables were more than pleased. Large crowds visited the different college buildings. Each spoke more than once every morning and it was sometimes difficult to accommodate those who were not given an account of such matters. Prof. Jeffery's corn judging, the demonstration exercises in the Women's Building and the work in the shops added interest to the regular program. The first session at the college was held on Tuesday afternoon. Hon. C. F. Moore presided. The afternoon was largely taken up with reports and suggestions. About two hundred and two-day initiation contests were held, and the attendance was slightly better than last year in spite of severe weather over most of the country. A program of general nature was favored. After the adjournment, Instructor Cassius handled a demonstration lecture on the X-ray and wireless telegraphy at the physical laboratory.

Prof. Smith opened the program for Tuesday evening by giving his ideas on "The Ideal Institute Worker." The following qualifications were deemed essential: Good voice, good articulation, good presence, good health, good judgment, enthusiasm, a teacher, honest, frisky, bright and witty, good sense, familiar with his work, use no notes and have a pleasant manner.

N. I. Moore pointed out the importance of advertising. Have programs published them in the local papers, use posters and have them well distributed.

Mr. Lillie addressed the importance of the Babcock test and the ability to keep the necessary protein on the farm. He said that each cow must be healthy and all visible dirt must be removed. Prof. Shaw next explained the handling of the college herd. Mr. Shaw dwelt on education in his address. The form of contracts and their interpretation were described. His advice was, "Keep out of the courts." Since Mr. Collingwood has been a successful attorney for many years, this counsel is well worth keeping. A valley of questions followed the address.

The roaster of the State Grange, George B. Horton, presided over the afternoon session on Wednesday. He dwelt on education in his opening remarks and spoke particularly of the influence of the grange, farmers' clubs and institutes. The Industrial School for Boys rendered excellent music during the afternoon. The chores were large, well drilled, and sang in perfect harmony. One cannot but notice the order, exactness and efficiency with which these boys do everything. Their manner was gentlemanly and a degree of intelligence and alertness was expressed in their faces that is rarely observed in any other school. The chorus was heartily applauded and responded to as enthusiastically.

Mr. Collingwood delivered his address on law. The formation of dairy breeds and said that each one should select his favorite breed, take a dairying. The manager should be a good bachelor and inspect the different kinds. Each individual cow should be tested. Determine the amount of milk that is produced by the Jerseys. Test four samples of milk and secure a year's test, not 30 days. A cow should produce from 50 to 400 pounds of butter per year. Weed out the poor cows. Those cows that have a good pedigree and should be a good individual. The test of a sire is the quality of the bullocks produced. Keep sires till they are 8 or 9 years old.

Dairy cows should be kept in constant motion, well lighted and ventilated barns. They are sensitive to changes. Feed them liberally, raisin the grade and make home the best surrogate. The best milkage are excellent. Raise some Canadians and feed meal. Milk may be supplemented with bran or oil meal. Mr. Lillie is a very vigorous, clear speaker, and his remarks brought out a good discussion. N. P. Hall said that the dairy cows were good and extensive. "Rations should be balanced and palatable. Keep things neat and clean. In feeding a cow up to her limit is of great importance and should be a good individual. The feeding part simply pays for itself, and the rest is all profit. Consequently feed must pay for the first, for itself and for the farmer. Each dollar spent on feed earns 350 to 400 pounds of milk and 456 pounds of butter. Brown Swiss, 105 months, 1051 pounds of milk and 436 pounds of butter. Short Horn, 105 months, 456 pounds of butter.

"WILSON'S SUGAR BOWL."

For Party Supplies, Table Decorations, and the daintiest of Confections, we are
HEADQUARTERS.

Come in and get a
Hot Coffee
and Sandwich

Red Palle, 105 months, 7454 pounds of milk and 335 pounds of butter.

Jersey produced 477 pounds of milk in the same time and a Holstein gave 1620 pounds of milk during last January which averaged over 50 pounds of butter. The college herd contains all the prominent dairy and beef breeds. Improvements are being made constantly. The discussion of this paper was led by Dr. A. C. Croman who pointed out the evils resulting from frequent changes of managers. When you have a good man stick to him.

Mr. B. Wermuth recited the quartet scene between Brutus and Cassius. Although this was a classical subject, yet it was enjoyed by all. Progressive farmers are not confining their reading to purely agricultural subjects.

Some Dairy Economics was handled by Prof. C. D. Smith in his usual dramatic style. He emphasized the idea that the dairy form and pedigree of the animal should receive due consideration. The tests of efficiency are the scales, the Babcock test and the ability to produce a calf which shall be typical in every respect. The feeding of a balanced ration and growing the necessary protein on the farm were explained. The temperature of a barn should not go down and the herd should be exercised out doors. His advice was, keep more cows and fewer hogs. The two-cow dairy produces nearly all the poor butter. Such a dairy cannot afford sanitary surroundings. Secure clean milk, advertise it and make people pay for it. The consumption of milk can be doubled by selling better milk in the market. Feed the cows after milking and remove the milk at once from the barn. Each gallon of milk must be healthy and all visible dirt must be removed. Aeration is unnecessary in the care of pure milk. The discussion of this paper was general and many questions were asked and answered.

F. W. Robison, dean of the experimental station, gave one of the most valuable talks of the institute on "Commercial Feeding Stuffs and their Analysis." The prices of the different feeding stuffs were discussed, their value and cost compared as to protein content. Mr. Robison had prepared a large chart showing the content of about a dozen feeding stuffs, which is the cheapest, but one of the best. Surrounding states have laws regulating commercial feeds. Since Michigan has none, it has become the dumping ground of inferior material. Each sack should contain on the outside a
Johnson and Ballinger led in the discussion. The plan of commercial fertilizers was the title of Mr. M. L. Dean's lecture on "Dairying in France." Some interesting views were shown of the dairy farming in France. Butter, creameries and cheese factories were discussed.

Hon. J. Hamilton, of the U. S. Dept. of Agriculture, spoke on "An Ideal Highway System." Hon. A. E. Palmer on Michigan Highways, and Hon. H. S. Earle on Cooperation in Highway Building. All these gentlemen agreed in the main points. Each developed his subject well. Mr. Reynolds has had a cold and weather. The township should be the smallest unit in our system. The following musical was given:

**Dance Caprice,** Miss Mack.

**Under the Leaves,** Miss Mae Louise Reed.

**Overture, Poet and Peasant,** Miss Grace McGraw.

**Miss Ora Luther.**

**Wildey spoke on the Farmer and Forest,** Miss Grace McGraw, and gave a very lively discussion.

Prof. R. S. Shaw gave a stereoscopic lecture on typical animals for feeding. The beef form, valuable portion of an animal, beef breeds and methods of feeding so as to secure the best animal. Greater care in feeding and breeding would increase the results. The hog thrives on a large variety of foods. Many of these could be used more wisely as practical uses. He became the largest concern in corn and corn meal. Skin milk, whey, dish water, wastes of fruit, etc., can all be made to count. A hog should have brains. Large organs are important. Hogs should be marketed while young. The best and cheapest meat is made while this way. A good discussion followed the talk.

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Prof. E. S. King then entertained the audience with a "Kentucky Horse Race," and was heartily endorsed. Since we are unable to spell the subject of his response it will have to be omitted, but it was interestingly rendered.

Dr. Clark, of the Bureau of Forestry, Washington, D.C., was next introduced, and gave a brief account of the department's work, mainly towards solving forest problems. Dr. Clark is sent out upon request to give advice and make suggestions. The department is thoroughly enjoying the work.

**Miss Freyhofer,** Miss Rose.

**Miss Mack, Miss McGraw.**

**Under the Leaves,** Miss Ora Luther.

**Shower of Pearls,** Paul Wacks.

**Miss Florence Lique.**

**Spring Light,** Margaret Lang.

**Minnie Dollie Thurman.**

**Fifth Sunday,** Minnie MacLoed Reed.

**Dance Caprice,** Edward Grigg.

**Miss Grace McGraw.**
THE M. A. C. RECORD.

WOMEN'S CONGRESS.

Miss Gilchrist, Dean of Women's department, conducted the session and reviewed the work. She gave an address on Physical training for Girls in which she pointed out the importance of developing the perfect body in order to do the best work. Girls on the farm need this exercise as much as girls in the city or in college. Gracefulness should be developed. Personal bearing comes from good posture and physical exercise corrects natural defects and prevents disease. Other interests are also encouraged, in which we have no notes.

A second session was held on Thursday, Oct. 26. C. M. Partch pointed out the value of system, hygiene, simplicity and cleanliness in housekeeping. Miss Freyhofer discussed how to get along best in the home. Love, united with reason, should control. To plan is to increase the power of time and strength. Mrs. Bowe gave an interesting discussion of this subject. Mrs. Gingles explained the course in sewing at M. A. C. and spoke of the facilities in the extension to practical sewing in the farm home.

A committee of four was selected and finds little time to teach her daughters. Hence the importance of introducing this subject into our schools.

RESOLUTIONS.

To the Chairman and members of the State Farmers' Round-up at the Agricultural College, February 23-25.

Your committee do most heartily endorse the work done by Prof. L. R. Taft as Superintendent of Institutes and their recommendation for the erection of a stock judging pavilion on the college grounds. We also favor a law looking to the proper branding of all so called "stock foods" with an analysis of all contents on every package.

We favor the further extension of the extension institute plan.

We also favor the elimination of the double taxation of the Legislative appropriation for the Agricultural College in the so called county normal school.

We desire to acknowledge our indebtedness to the newspapers for the assistance given our Tribune for reporting our meetings, also to the faculty of the College for their courtesy and kindness, and the railroad companies for reduced rates to the institute.

Respectfully submitted,
C. S. DAILETET,
W. M. ROSE,
CHARLES B. WELCH,
Com.

EDUCATIONAL.

WHEREAS, The evident trend of public sentiment along educational lines is towards those subjects which can be made practical in increased efficiency in the ordinary avocations of life as well as those studies which result in intellectual strength and useful habits.

WHEREAS, Farming in all of its branches embraces different subjects of a purely practical nature, and some knowledge of which is necessary to the practical farmer, to those who have an interest in the occupation in any of these branches with even an ordinary degree of success.

WHEREAS, These subjects in addition to being practical in the ordi-

(Continued on page 6.)
Hardware
of all description.

Stoves
of all sizes.

Our Goods are Right
Our Prices Low
College bus calls regularly.
Telephone your orders.

Norton's Hardware,
111 Washington Ave. S.

Furniture...
Headquarters
COMPLETE LINE OF
FURNITURE FOR
STUDENTS' ROOMS
Canvas Cots at 95c. Woven Wire
Cots at $1.50. Woven Wire
Springs at $1.50, $2.00, and
$2.50. Mattresses at $2.00, $2.50
and $3.00. Tables at $1.90 and
$1.35. Chairs at 50c up.
All goods delivered
to your room free.

M. J. & B. M. Buck.

The JEWETT & KNAPP STORE
Lansing's Low Priced Reliable Store
Every Department full of New Fall Goods.
New Dress Goods, Silks, Laces, Gloves, Hosiers, Underwear, Silk
and Cotton Shirt Waists, Muslin Underwear, Dress and Walking Skirts,
Tailer Made Suits, and Jackets.
We also carry a Complete Stock of Lace Curtains and Draperies.

Jewett & Knapp,
222, 224 Washington Ave. S.

ABOUT THE CAMPUS.

Mr. Bain B. Hanke is attending
the Iowa State College, Ames,
Iowa.

Miss Ada Howe has been visiting
her aunt in the upper peninsula,

Miss Wellman was obliged to
remain home on Monday and Tues­
day on account of the serious illness
of her mother.

The Mothers' Club will meet at
Mrs. U. P. Hedrick's next Thurs­
day evening at 8 o'clock.

The Junior Annual will contain
the name, address and career of each
alumnus who sends in an order for
the book. Send your order and in­
formation to the business manager.

The production of the University of Iowa, which
contains much information.

The Union Literary Society en­
tertained hosts.

The productions were of a very sub­
stantial nature and were well de­
corated, an essay, a story, a reverie,
an oration, a declamation and a coronet solo.

The number is constantly
increasing.

Mrs. M. L. Dean have many
friends during their stay at M. A.
All join in wishing them pleas­
sant surroundings in their future
home.

The productions were
uniformly distributed among
different classes and consisted of an
essay, a story, a reverie, a
decoration, and a coronet solo.

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The number is constantly
increasing.
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CROCKERY AND GLASSWARE
EGO. G. BUDEAU & CO—Bookbinders, Wholesale and Retail, 206 Wash Ave. N.

D. G. Woodbury.—Boots and Shoes. We do our best for other bet he would thank him for the money first and the Lord for the money second. Lord, we desire also to thank Thee for this timely succor, and the baby. When the reverend gentleman rose to pray he said: 'LORD, we desire also to thank Thee for this timely succor, and we are yet undecided as to whom we shall owe the benefit of it.'—Moderator, Topics.

The Herma of Petoskey high school is an interesting exception. It has a very neat cover and contains some excellent articles.

Harriet A. Barbour.

BASE BALL GOODS!

It has a very neat cover and contains some excellent articles.

The conditions as to the Agricultural College are little different from those at the university. In fact, the conditions were almost as great as those faced by the university this institution has won its way by force of other merit until it is in the van guard and has served as the model after which similar colleges in other states have been patterned. That the center of agricultural learning in Michigan is now admitted; that its standard must be not only maintained but increased is obvious, but as yet it has been difficult for the lawmakers to see that there have been changes in the conditions which make for the success of agricultural colleges. Competition is keen. Greater facilities are necessary for the conduct of those experiments which are suggested in increasing numbers by modern scientists and most of all it is necessary to recognize capability in the teaching department by substantial re munerations in salary to the end that there may be no falling off in the standard. The work of the institution is so satisfactory and the results so obvious that it should not be necessary to plead very loudly for liberal treatment. The Agricultural College supplies not only facilities for undergraduate students; it is the center of agricultural knowledge in the state; it is the guide of the working farmer and a continual influence to the man who studies agriculture while the teacher has had experience. It is entitled to generous treatment and the farmers should insist that it have it.—Editorial Detroit Tribune, Feb. 26.

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J. H. LARRABEE,