

The Dairy Cow.

Mr. C. P. Goodrich, of Fort Atkinson, Wisconsin, one of the most successful and widely known dairymen in the northwest, who is doing Farmers' Institute work in the State, was at the College on Monday and gave two very interesting addresses before the students of the special courses, one of which was listened to by the regular sophomores taking stock feeding.

The address in the morning was upon the conformation of the dairy cow, and that in the afternoon upon feeding dairy cattle.

The speaker was one of the early dairymen in Jefferson county, and he has seen and been a party to the growth of the industry which has made Jefferson the famous dairy county of a leading dairy State. The time was in that county when grain raising was the leading industry, and as load after load of wheat went to market, and as no compensation was made to the soil, it became apparent that something had to be done.

The necessity of a change in the method of farming could not be denied. Through the influence of W. D. Hoard and others the dairy interest got a start, and has grown, till now the county of fifteen townships and a population of 36,000 people has 35,000 cows and 87 creameries; nearly a cow for every person, and more than five creameries to the township. Last year the dairy products of the county sold for nearly a million dollars. The decrease in the number of mortgages on Jefferson county farms since the inauguration of dairying is almost beyond belief. The thought was expressed that the farmer whose income comes to him regularly in small installments throughout the year is less liable to get into debt, much more liable to keep out of debt, than the one whose yearly profits come to him all at one time.

When Mr. Goodrich started in the dairy business his herd of cows was one of grade shorthorns, and their owner had an appreciative eye for the square, blocky form characteristic of the breed. He became sufficiently convinced, however, somewhat against his will, that the ugly formed little Jersey would be more profitable to him than the more comely shorthorn, and so used that cross upon his herd. But when the calves commenced to come they were such scrawny little things that he lost faith and returned to his first love, the shorthorns, though for but a short time; for when these calves became cows, and their performance at the milk pail was viewed in the light of the old adage, "handsome is that handsome does," those angular, bony forms seemed to take on lines of beauty, and the eye of the owner became educated to an appreciation of the beauty of what is called the dairy form, as the income from his dairy herd increased.

Then came the work of sifting his herd, a standard being established which all animals must reach if they remained in the herd; first a hundred and fifty pounds of butter a year was asked of each cow, then two hundred and fifty, and so up to an average of a pound of but-

ter a day for a year of three hundred and sixty-five days. During all this time no attention was paid to form; additions to and subtractions from the herd were made upon the basis of performance only. A high standard has been reached, and the cows which now compose the herd, in the words of a recent visitor at the farm, "look as though they had all been cast in the same mould."

From a careful study of the form of these and other famous cows Mr. Goodrich has formed his idea as to the typical form of the dairy cow. A full bright eye, and broad forehead; a full strong jaw, wide at the base; great depth of body; a prominent back bone and open ribs; a high pelvic arch; thighs wide apart as viewed from behind; large milk veins and large well formed udder, are among the points upon which stress was laid. Mr. Goodrich considers Brown Bessie, the famous winner of highest honors at the World's Fair, a cow of typical dairy form and he carries her picture in the pocket nearest his heart along with the picture of his wife. Some people say that he looks at the picture of Brown Bessie oftener than he does that of his wife, but he says that is a lie.

A good dairy cow was defined as one that is a large consumer of milk producing food and one that will turn it all into milk except what she needs to sustain her own body. Mr. Goodrich believes in feeding such cows a balanced ration of a variety of foods. He related an interesting experience of his own where the investment of thirty cents a day in a particular kind of food to "balance up" the ration he was feeding brought him an increase of sixty cents a day in income from his butter. He does not believe in forcing cows to the limit of their capacities. He says that, as a rule, the cows that have made great records have not been heard from since.

The talks were enjoyed very much by those who heard them, and all are glad to know that another opportunity will be had to hear Mr. Goodrich next week.

G. H. T.

An Inducement for High School Pupils to Attend Farmers' Institutes.

For the purpose of getting more young people to attend the farmers' institutes, the superintendent of institutes, in co-operation with the College, has inaugurated a series of contests among high school pupils of the State. The plan is to have the high school pupils attend a full session of the institute in their town. Then as many as care to enter the contest make written reports of the session they attend, giving a synopsis of each talk or paper presented, together with a report of the discussions which follow. The best report, as determined by a committee appointed by the superintendent of schools, is sent to the College to enter into competition with reports from other schools.

The best five reports, as determined by the Department of English at the College, will be pub-

lished and well distributed. The College also offers premiums to the most successful competitors, as follows:

1. To the person sending in the best essay the Agricultural College will remit room rent for one year. This will amount to about \$15 or \$20, according to the room chosen.
2. For the second best, a remission of matriculation fee and of incidental fees for one year, which will amount to \$12.50.

Anyone securing either of these prizes will have the privilege of entering the College and utilizing the premium at any time within three years.

Quite a number of high schools have entered into these contests, and from some as many as 250 pupils have attended the institutes; though, of course, only a few, in each instance, took part in the contest. In all, about 40 pupils wrote reports of the December institutes; and about 60 will write reports of January and February institutes.

Clover as a Fertilizer.

In his lecture to the special students in the Agricultural Laboratory on Increasing Soil Fertility by the Use of Clover, Mr. T. B. Terry of Ohio spoke first of the fact that the three elements soonest exhausted by cropping of ordinary soils were nitrogen, phosphoric acid and potash. The nitrogen exists free in the air above every farm. Clover has the power to collect part at least of the nitrogen it needs for its growth from this source. Clover roots contain a good share of the nitrogen of the entire plant. If therefore clover is grown on a field and after the crop is removed the aftermath and roots are allowed to go back to the soil the field is enriched in humus and nitrogen content.

While the clover plants cannot add to the entire amount of mineral matter in the soil they can by means of long tap roots bring that mineral matter nearer the surface, where by their decay they leave it accessible to shallow rooted cereals.

Mr. Terry then related his own significant and successful experience in bringing up a farm at first almost sterile to a state of unsurpassed fertility by the use of clover. His rotation has been potatoes, wheat, clover. He has purchased little plantfood from outside the farm, depending on clover combined with good tillage and careful saving of manure to build it up.

At present the farm yields large crops of potatoes and wheat, is in perfect tilth. This improvement is to be ascribed almost entirely to the good effects of clover. C. D. S.

A Senior Sleighride.

The senior sleighing party on last Friday evening to the home of Mr. Seeley, president of the class, was an event long to be remembered by all those who participated. It was a very pleasant occasion. The night was almost an ideal one for such a party; it was not too cold, and the sleighing was excellent. Though the return trip was made in a driving snow storm, snow has no terrors for a sleighing party, and the storm did

not detract in the least from the pleasure of the ride.

Two sleigh loads of seniors and their lady friends left the College at seven o'clock, and after a ride of about six miles reached the home of Mr. Seeley. The company was pleasantly entertained by various games, which were played in a progressive manner, the winners in each game receiving a gold star, and moving to the next table to try their hand at a different game. After this refreshments were served, and then came more games. At a late hour all united heartily in three cheers for Mr. Seeley and his people, gave the class yell, and started on their homeward journey, well pleased with the way the evening was spent. G. C.

The Oratorical Contest.

The ninth annual contest of the M. A. C. Oratorical Association will be held in the Armory next Friday evening, beginning at 8:00 o'clock. Following are the names of the speakers and their subjects:

- C. E. Townsend, Columbian Literary Society,—“The Ideal Citizen.”
- F. V. Warren, Union Literary Society,—“Self and the Other Man.”
- F. R. Crane, Olympic Society,—“Probabilities.”
- D. J. Hale, Hesperian Society,—“Unsolved Problems and their Remedy.”

The judges on composition are Prof. F. N. Scott, Ann Arbor; Prof. R. Clyde Ford, Albion; and President G. F. Mosher, Hillsdale. Those on delivery are Rev. W. H. Osborne, Rev. E. B. Allen, and Mr. C. A. Wood, all of Lansing. Music will be furnished by the Hesperian Orchestra and by Misses Husted and Bach. The officers of the association are: President, R. E. Morrow; vice president, G. B. Wells; secretary, C. A. Gower; treasurer, E. R. Russell; committeeman, L. S. Christensen. The medals will be presented by Miss Pearl Kedzie.

The Indoor Athletic Meet.

Saturday night's athletic meet in the new armory in Lansing, between students of the College and Lansing high school was a pronounced success. A large and enthusiastic crowd was in attendance and they witnessed some quite exciting contests. The bag-punching by William Pool, of Detroit, was a prominent feature of the program. The records were fair considering the small amount of training had by the athletes. Following are the results: 25-yard dash—Russell, M. A. C., first; time, 2:58. Putting 16-pound shot—Tompkins, L. H. S., first; distance, 35 feet 1 inch. Running high jump—Russell, M. A. C., first; height, 4 feet 11 inches. Standing high jump—Tompkins, L. H. S., first; height, 4 feet 6 inches. In wrestling the winners were: Featherweight—Hartness, L. H. S.; time, 2 minutes; lightweight, Laubach, M. A. C., time 2:30; welterweight, Townsend, M. A. C., time, 3:30; heavyweight, Johnson, M. A. C., time 3 minutes. All College winners are freshmen, which augurs a bright future for athletics here.

THE M. A. C. RECORD.

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The only way, however, to secure THE RECORD
regularly is to subscribe.

Official Directory.

PREACHING SERVICE—Sunday afternoons
at 2:30 in the Chapel.

Y. M. C. A.—Regular meetings Sunday evenings
at 7:30 and Thursday evenings at 6:30. C. W.
Loomis, President. E. M. Hunt, Cor. Secretary.

Y. W. C. A.—Weekly meetings for all ladies on
the campus, Tuesday evenings at 8:00, in Abbot
Hall. Sunday meetings with the Y. M. C. A.
Miss Clara J. Stocoum, President. Miss Ella
Phelps, Cor. Secretary.

KING'S DAUGHTERS—Meet alternate Wed-
nesdays. Mrs. J. L. Snyder, President. Mrs. W.
Babcock, Secretary.

NATURAL HISTORY SOCIETY—Meets
second Friday of each month in the Chapel at 7:00
P. M. T. L. Hankinson, President. O. W. Slayton,
Secretary.

BOTANICAL CLUB—Meets Monday evenings
6:30 in the Botanical Laboratory. B. Barlow,
President. Miss Marie Belliss, Secretary.

SHAKESPEARE CLUB—Meets Wednesday
evenings at 7:30. Dr. Howard Edwards, Presi-
dent.

COLUMBIAN LITERARY SOCIETY—
Meetings every Saturday evening at 7:00. Fourth
floor, Williams Hall. C. E. Townsend, President.
D. B. Lanting, Secretary.

ECLECTIC SOCIETY—Meetings every Satur-
day evening at 7:00, Fourth Floor, Williams Hall.
H. L. Mills, President. W. H. Flynn, Secretary.

FERONIAN SOCIETY—Meetings every Fri-
day afternoon at 1:00, West Ward, Wells Hall.
Lucy Monroe, President. Blanche Huhn, Secretary.

HESPERIAN SOCIETY—Meetings every Sat-
urday evening at 7:00, West Ward, Wells Hall.
C. W. Loomis, President. H. J. Westcott,
Secretary.

OLYMPIC SOCIETY—Meetings every Satur-
day evening at 7:00, Fourth Floor, Williams Hall.
W. K. Brainerd, President. C. A. Warren, Sec-
retary.

PHI DELTA THETA FRATERNITY—
Meetings every Friday evening at 7:30, East Ward,
Wells Hall. Eugene Price, President. A. E.
Lyon, Secretary.

THEMIAN SOCIETY.—Meetings every Satur-
day evening at 7:00, Chapel. Marguerite Bogula,
President. Irma Thompson, Secretary.

UNION LITERARY SOCIETY—Meetings
every Saturday evening at 7:00, U. L. S. Hall.
F. L. Woodworth, President. E. W. Ranney, Sec-
retary.

TAU BETA PI FRATERNITY—Meetings on
alternate Thursday evenings, Tower Room, Me-
chanical Laboratory. F. V. Warren, President.
C. A. Gower, Secretary.

CLUB BOARDING ASSOCIATION—E. A.
Calkins, President. Lucy E. Monroe, Secretary.

M. A. C. ATHLETIC ASSOCIATION—F. V.
Warren, President. E. W. Ranney, Secretary.

How to Start and Operate a Co-
operative Creamery.

One day last week the special
course students in dairying had the
privilege of listening to a talk by
A. C. Jones, of Middleville, on
"How to start and operate a co-
operative creamery." Mr. Jones is
a shareholder in the Cold Spring
Creamery, a co-operative concern
located at Middleville; and his sug-
gestions were based on the experi-
ence gained in the management of
that creamery.

In the first place, the speaker
thinks, three directors, located near
each other, should have the man-
agement of affairs—better three thus
located than seven or nine scattered
over the country, because business
will be attended to more promptly.
Then elect competent officers—a
president, secretary and treasurer—
to have immediate control of affairs.
By all means engage a good butter

maker. It is as necessary to make
good butter, if only one hundred
pounds per day is made, as if the
output is seven or nine hundred
pounds per day. The reputation of
a creamery is to be built up and
maintained, and this can only be ac-
complished by making gilt-edged
goods from the start and holding
your grade there. From the start-
ing of our creamery we refused sour
milk or milk not properly handled,
and returned it to the sender. Some
became offended, but when they
found the stockholders, directors
and president were treated the same,
they took more pains with their
milk and milk cans, and we were
troubled but little with sour milk.

Having secured your officers, and
having worked up your routes as
well as possible, set a day to start
your creamery and start up. Take
what milk comes and do the best
you can for the patrons. Remem-
ber it is a new business to them, and
they have it all to learn; they don't
understand about the tests or over-
plus. We always give them all the
overplus and buttermilk. If at the
end of a month or two you find that
the profit is on the wrong side of the
balance sheet, do not be discouraged,
but get up and hustle for more milk.
Milk you must have or fail. Your
creamery is starving for the want of
milk.

Your directors should now go
out among the farmers and talk
creamery to them; they will tell
you they have but little milk, not
enough to send, and that they
thought they would wait till next
year and see how it turned out.
Tell them your creamery wants
milk and must have milk in
order to run; that every little
helps. By lending them cans
for a month we induced many to
become patrons who have been
stayers with us. Educate them to
the business in this way; remember
the creamery business is a revolution
in their business, especially in a
grain growing country. Have a
dairy institute if possible, if not, have
a creamery picnic; get them out;
get some good speakers. We had
such a picnic at a time when our
expenses were exceeding our income
daily, and this picnic added about
thirty dollars more to our losses;
but from that time we began to re-
ceive new patrons. After running
six months we found we had run
behind nearly a thousand dollars;
but our stockholders stood by us
manfully, pledging themselves to
stand an assessment of twenty per
cent at the end of a year if we could
not pay it out of the creamery.
From that time they have stood by
us, and success has crowned our
efforts.

Mr. Jones mentioned as another
important matter in the success of
a creamery, the securing of sober,
punctual, accommodating men as
milk haulers. Have them located
on the farther end of the route, if
possible, and pay them well. As
business increases add separators
and other labor-saving devices, so
as to unload the milk promptly and
thus save much that would other-
wise sour.

In marketing butter, deal with
commission men of good rating. If
you have a fine grade of butter you
will receive the best price to be ob-
tained, but if your butter is over-
worked or cloudy or off in flavor
and you expect a fancy price, you
will be doomed to bitter disappoint-
ment. We have always shipped
our butter to the eastern markets
and should so advise any creamery.

Let some of the grocery men handle
your retail trade, selling to them at
wholesale. No creamery can afford
to keep men to retail butter by the
pound.

Select a pay day, then bend every
energy to pay on that day. Our
350 patrons have learned to watch
for the 15th of the month and their
check, as a hungry man watches
for his dinner. This is very impor-
tant, as it gives the patrons confi-
dence in the creamery and managers.

Stand by your creamery first, last
and all the time; furnish milk for it,
and do business in a business-like
manner, fairly and honestly by all;
and if your creamery is properly
located and properly equipped and
managed, I know of no reason why
you will not succeed.

Program of the Round-up.

The third annual round-up insti-
tute will be held at the College
February 23, 24 and 25. Confer-
ences of institute workers and meet-
ings of the women's section will be
held in the Chapel; all other ses-
sions in the Armory. Following is
the complete program:

WEDNESDAY, FEBRUARY 23.

8:30 to 9:30—Conference of officers of
County Farmers' Institute societies.

9:45 "A Word of Welcome," President J.
L. Snyder.

10:00 "The Ideal Mutton Sheep," Hon.
George McKerrow, Supt. Farmers' In-
stitutes of Wisconsin.

10:20 Discussion, led by Prof. H. W. Mum-
ford.

10:40 Ten-minute talks on "The Selection
of Ideal Animals."

"The Beef Steer," Jason Woodman.

"The Profitable Hog," I. N. Cow-
drey.

"The Dairy Cow," A. M. Welch.

11:10 Discussion on the last three topics.

11:30 "To What Extent can the Grain and
Stock Feeders of Michigan Improve the
Market for their Products?" Robert
Gibbons.

12:00 Discussion.

AFTERNOON.

1:45 Question Box.

General topic for the afternoon, "Soil
Fertility."

2:00 "The Stock Feeder's Side of the Fer-
tility Question," Hon. Wm. Ball.

2:20 Discussion.

2:45 "Commercial Fertilizers," L. J. Post.

3:00 Discussion.

3:20 "How I Preserve the Fertility of My
Farm," T. B. Terry, Hudson, O.

4:00 General Discussion on the Preserva-
tion of Soil Fertility.

EVENING.

7:00 Concert by the M. A. C. band.

7:30 "The Oleomargarine Fight," Hon. E.
O. Grosvenor, State Dairy and Food
Commissioner.

"Traveling Libraries," Mrs. Mary C.
Spencer, State Librarian.

"The Advantages and Possibilities of
Union of Action Among Farmers," Hon.
J. H. Brigham, Asst. Secretary of Ag-
riculture.

THURSDAY, FEBRUARY 24.

8:30 to 9:30—Conference of officers of
County Farmers' Institute societies.

9:30 Question Box.

General topic for the forenoon, "Mar-
kets and Marketing."

10:00 "The Marketing of Fruit," with 10
minute talks on each of the following
topics:

1. "Creating a Market," J. N. Stearns.

2. "Preparing the Product for the
Market," A. P. Gray.

3. "The Home Market," R. M. Kel-
logg.

4. "Transportation and Co-opera-
tion," Hon. R. D. Graham.

5. "The Commission Man," Roland
Morrill.

10:50 General discussion on the above
topics.

11:30 "Markets and the Department of Ag-
riculture," Hon. J. H. Brigham.
Followed by discussion.

AFTERNOON.

1:45 Question Box.

2:00 "Up-to-date Stock Feeding and Man-
agement," Colon C. Lillie.

2:30 Discussion.

3:00 "Sugar Beets for Michigan," Dr. R. C.
Kedzie.

3:30 Discussion.

4:00 "Practical Culture of Sugar Beets,"
Prof. Clinton D. Smith.

4:30 Discussion.

EVENING.

Music for the evening will be furnished by
the Musical Department of the College.

7:00 "How to Keep Boys and Girls on the
Farm," Mrs. Mary A. Mayo.

"The Bequests We Make our Chil-
dren," Dr. Mary Wood-Allen.

"The Wife's Share," T. B. Terry.

FRIDAY, FEBRUARY 25.

8:30 to 9:30—Conference of officers of County
Farmers' Institute societies.

9:30—Question box.

10:00—"The Creamery vs. The Home
Dairy."

"The Creamery," E. A. Croman.

"The Home Dairy," J. H. Brown.

10:40 Discussion, led by G. H. True.

11:15 "The Horticultural Situation," Ro-
land Morrill.

Discussion, led by Prof. L. R. Taft.

AFTERNOON.

1:45 "Possibilities of Northern Michigan,"
A. E. Palmer.

Discussion by Northern Michigan del-
egates, etc.

2:45 "What the State Might Do in the Way
of Inducing the Settlement of Northern
Michigan," Hon. Sybrant Wesselius,
Commissioner of Railroads.

3:15 "Forestry in Relation to Northern
Michigan," Hon. C. W. Garfield.

3:45 "Potato Growing," T. B. Terry, fol-
lowed by discussion, and final question
box, if desired.

EVENING.

7:00 sharp. Informal Reception, given by
the Faculty of the College to all visitors
to the Institute.

8:00 "Higher Education and the People,"
Pres. H. B. Hutchins, Ann Arbor.

"Education for the Industrial Class-
es," Pres. J. L. Snyder.

"The Farmers and their Public Du-
ties," Gov. H. S. Pingree.

Music for the evening will be furnished by
the Hesperian Society Orchestra.

WOMEN'S SECTION.

WEDNESDAY AFTERNOON, FEB-
RUARY 23.

1:45 "Greeting," Mrs. Mary A. Mayo.

2:00 "The Relation of the Farmer's Wife
to Society," Mrs. Ella E. Rockwood.

3:00 "Industrial Education," Mrs. Irma
T. Jones.

4:00 Question box.

THURSDAY AFTERNOON, FEBRU-
ARY 24.

2:00 "The Relation of the Mother to the
Country Schools," Mrs. Mattie A. Ken-
nedy.

3:00 "Consecrated Parentage," Mrs. Belle
M. Perry.

4:00 Question box.

FRIDAY AFTERNOON, FEBRUARY
25.

2:00 "Literary Clubs and the Farmer's
Wife," Mrs. Ella E. Rockwood.

3:00 "Ideal Womanhood," Dr. Mary
Wood-Allen.

4:15 Question box.

Discussion after each address. Music
will be furnished by the Department of
Music of the College.

JUST THE RIGHT WEIGHT—"O,
John, in this letter from May she
says that at Vassar the girls pitch
quoits. Do you think they use the
same kind as the boys?"

"No they get them from the
cooking school."—*Ex.*

At College.

Miss Edith Merrill, '01, was visited by her father last Wednesday.

Mrs. Kedzie entertained a few friends at whist Saturday evening.

F. W. Mansfield, '01, has been confined to his room the past week with tonsillitis.

C. E. Brower, '01, was home a week, on account of illness. He returned Friday.

A number of College people attended Mrs. Kate Marvin Kedzie's recital, Friday evening.

Last Saturday Miss Celia Harrison received a visit from her father, mother and sister, from Highland.

Geo. B. Wells will meet Prof. Milliman in Charlotte Thursday to arrange for the Olivet-M. A. C. field day.

Friday—Chas. Tate, '99, lost the end of the fore finger of his right hand in one of the lathes in the machine shop.

The Reynolds Corliss engine in Thoman's mill in Lansing, was tested by the senior mechanical class Monday of last week.

Mrs. Hayner and the Themian girls were pleasantly entertained at the home of Mrs. Green in Lansing last Saturday evening.

Messrs. Hugh P. Baker and C. E. Parsons will represent this College at the Student Volunteer Convention in Cleveland Feb. 23-27.

The Union Literary Society entertained ladies Saturday evening. After the regular literary program, dancing was enjoyed until 10:30 o'clock.

Wednesday the senior mechanical class, accompanied by Prof. Woodworth, made tests of five motors, connected with the Piatt system in Lansing.

Our ice harvest is nearly over. A poor quality of ice—about one-third of it frozen snow and much of it filled with sand—is going into the ice house.

One of the grade dairy cows purchased last fall is now giving fourteen pounds of butter per week. Several others are approaching this high figure.

Frank L. Moon, supervisor from Otisco, Ionia county, who has been attending the meeting of supervisors in Lansing, visited his nephew, George Richmond, on Tuesday and Wednesday of last week.

After a trial of several weeks we find the electric lights, for which A. A. Piatt furnishes power, eminently satisfactory—much more steady and better in every way than the few lights we had before.

Last Friday morning Professor Woodworth took his sophomore physics class, consisting of eleven girls, to the Condensed Milk Factory in Lansing to watch the process of condensing milk.

Last Friday evening Mrs. Satler entertained seven of the Olympic boys and their co-ed friends at her home near Grand Lege. After refreshments were served, the happy sleighing party returned through the drifting snow.

The following officers were elected at the last business meeting of the Y. M. C. A.: President, Fred. N. Lowry; vice-president, F. E. West; corresponding secretary, C. H. Parker; recording secretary,

J. H. Skinner; treasurer, C. F. Austin. The above named officers will enter upon their duties the first of next term.

Of the class in advanced machine design, Chas. Gower is designing an attachment for the milling machine to cut internal gears, and C. Spring and W. J. Merkel are each designing a one and one-half ton traveling crane for the foundry.

Instead of holding their regular programs last Saturday evening, the Olympic and Columbian societies united in a mock trial in the Columbian rooms. The prisoner was accused of the larceny of a dead turkey, but was pronounced "not guilty" by the twelve "good men and true" who composed the jury. The trial was conducted in a very creditable manner, and the examination of the witnesses afforded the spectators much amusement. The work of the deputy sheriff deserves especial commendation.

At the annual meeting of the State Dairy Association, at Ypsilanti, February first to third, the Hon. T. F. Marston was on the committee on nominations; C. P. Goodrich, one of the workers at farmers' institutes, represented the institute phase of the College work, and Professor Smith represented the Experiment Station. One entire session was given up to the addresses of Mr. Goodrich. In all the addresses made by members of the association the best of feeling was manifested toward the College, and its work was praised for its practical character. Naturally the special courses relating to the dairy came in for special praise.

John Knox was the subject of an interesting talk by Dr. Edwards Sunday morning in Chapel. The speaker stated his belief that Christianity is a condition in life rather than a theory. He found much that was unlovely, uninviting, in the theology of both Knox and Calvin; also much that was commendable, such as strength of character, steadfastness of purpose, and unflinching devotion to his work, in the subject of his talk. This new plan of Sunday services is meeting with general favor at the College. Interesting Sunday morning talks are given, and they are well attended; and by means of the reduced rates to the city, large numbers of students—many more than used to attend Sunday afternoon services in Chapel—are induced to attend services in the city.

The Wandering Singer and His Songs.

One of the handsomest College souvenirs ever published is the book of poems by Frank Hodgman, '62, of Climax, entitled "The Wandering Singer and His Songs and Other Poems." The book is bound in pebbled white cloth with blue and gilt trimmings, contains 185 pages, and is printed on excellent paper with full gilt edges. It is beautifully illustrated with half-tones of College and other scenes and with sketches by Prof. W. S. Holdsworth, '78, and E. N. Thayer, '93. In that part of the book devoted to College poems there is hardly a page that does not suggest sweet memories of days gone by, not only for the student of the sixties but for the student of the nineties as well. Everybody who has seen the work is delighted with it, and Mr. Warren is having no difficulty in disposing of the copies sent to the College.



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News from Graduates and Students.

Prof. L. H. Bailey, '82, was in the city one day last week.

J. W. Toumey, '89, is at present acting director of the Arizona Experiment Station.

George L. Foote, with '89, and four small children mourn the death of wife and mother.

John A. Triplett, with '00, Eastport, is looking forward to the time when he can return to College.

William R. Rummler, '86, and R. W. McCulloch, '87, are patent attorneys at 82 McVicker's Theater Building, Chicago.

The annual reunion and banquet of the Chicago M. A. C. Association will be held at the Palmer House, February 26.

Miss Lu D. Baker, '00, who is studying at the Chicago Art Institute, has again been promoted, this time to the antique class.

Frank Hodgman, '62, has presented the alumni library a copy of "The Wandering Singer and His Songs and Other Poems."

Prof. C. B. Waldron, '87, read a paper at the State Educational Association at Grand Forks, N. D., December 23, so says *The Spectrum*.

W. H. Coffron, '82, has resigned from the Pension Department and is now engaged in the practice of medicine at Grindstone City, Michigan.

Professors Eugene Davenport, '78, and H. W. Mumford '91, are members of the advisory board of *The Farmers' Voice* Educational Tours Association.

Frank Yebina, '95, is professor of agriculture in a new school at Tatioka, Yamakata Ken, Japan. It is a government school and he is, in reality, at the head of it. His salary is \$1,200 in gold per year.

John W. Ritinger, '94, is one of our alumni from whom we hear frequently; and we are always glad to hear from him—he writes such good, hopeful letters. In his last letter he assures us that his work as superintendent of Walkerton, Ind., schools gives him plenty to do; and he renews his invitation to M. A. C. alumni to call on him at any time.

Ray S. Baker, '89, has asked for a six months leave of absence from the editorial staff of the *Chicago Record*, and this time he will devote to writing stories. The *McClure's Magazine* for February announces several true stories of the secret service to appear soon from his pen. Two of these stories are "Getting Captain Cameron" and "Capturing a Confederate Mail."

Colleges and Exchanges.

"Nothing won" ('01), is the remark of the colleges after admitting the freshman class this year.—*Ex.*

The conscientious Freshmen work,
To get their lessons tough;
The Juniors flunk, the Sophomores shirk,
But the Seniors—Oh, they bluff.—*Ex.*

The Olympic games of 1900 will be held in Paris, and in 1004 the committee will choose between New York, Berlin and Stockholm.—*Ex.*

Statistics from sixty-seven colleges, in thirty-seven states, show that football men stand one half per cent higher in their studies than the average of the whole college.—*The Spectrum*.

One-third of the students in German universities die from overwork, another third destroy themselves by dissipation, while the rest govern Europe.—*Ex.*

A Salem World subscriber writes: "Seventeen of us girls are taking a tramp through the White Mountains. We hope the tramp is enjoying himself."—*Ex.*

"EVOLUTION."

"Evolution," quoth the monkey,
"Makes all mankind our kin;
There's no chance at all about it,
Tails we lose, and heads they win."
—*Truth.*

Herr Oil.—Haf you heard dat dog of mine ate a tape measure undt died?

Her Kut.—I suppose he died by inches.

Her Oil.—Nit, he vent oudt in der alley and died by der yard.—*College Barometer.*

Yale has adopted the systematic pension allowance. A professor who has been instructor in the university twenty-five years, and who is 65 years of age, may apply for a pension and will receive half pay for the rest of his life. Several of the professors, however, have ample private fortunes.—*Industrial Collegian.*

The athletic association of Pennsylvania has secured one-half of the \$600,000 necessary for the erection of the proposed athletic club house. This club house will be the most complete of its kind in the country, containing an assembly room for mass meetings, a swimming pool and shower baths, billiard and pool tables, and bedrooms for the athletic teams when in training.—*Ex.*

Football originated among the Greeks and Romans, who had a sport which consisted in kicking about a ball under certain general rules. Its development through centuries was upon somewhat uniform lines until, finally, the Rugby and Association games were evolved. The former was introduced at Yale in 1871, and since then has spread all over the country. The regular intercollegiate matches were started in 1873, when a convention between Columbia, Princeton, and Yale was held.—*The Student.*

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A. E. DAVIS.—Clothing and Gentlemen's Furnishings. See ad.

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D. R. G. W. COLEMAN.—Dentist, 103 Washington Avenue, First stairs north of Michigan Avenue.

R. W. MORSE, D. D. S., Hollister Block, Room 517.

D. R. V. A. LACY.—Dentist. Hours 8 to 12 a. m. and 2 to 4 p. m., 110 Allegan St. W.

DRUGGISTS.

C. J. ROUSER.—Capital Drug Store, 123 Washington Avenue South.

DOWNEY HOUSE DRUG STORE—H. J. Eilenburg, Headquarters Ice Cream Soda.

DRY GOODS.

SIMONS DRY GOODS COMPANY.—Dry Goods and Carpets. See ad.

FURNISHING GOODS.

ELGIN MIFFLIN.—Ladies' and Gentlemen's Furnishing Goods. See ad.

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M. J. & B. M. BUCK.—Furniture, Cor. Washington Avenue and Ionia Street. See adv.

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C. M. WATSON, M. D.—Hours, 2 to 4 and 7 to 8 P. M.; Sundays 12 to 2 P. M., 419 Washington Avenue S. Both Phones.

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