

Dairy Dept. Complete

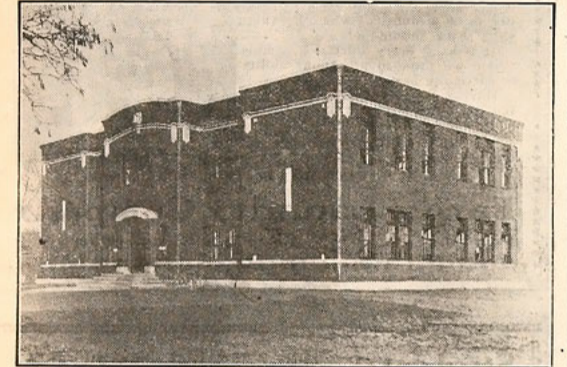
One of the Finest In Country

New Dairy Department Will Open This Term With a Boom, All the Laboratories Ready for Students.

The new dairy building and its equipment gives us one of the finest dairy departments to be found in an Agricultural College.

Along with the dairy building a splendid new concrete barn has been built with two silos in connection and is equipped with the latest of dairy barn equipment.

Following is a complete description of the dairy building and the accompanying cut shows the artistic lines of the building.



The building is a fire-proof, two storied structure built of brown brick and reinforced concrete.

A study of the plans indicates in a general way the uses to which each room in the building is to be devoted.

The farm dairy room will be devoted to the study of practices pertaining to farm dairying.

Our creamery factory room will be devoted to operations on a commercial scale.

The work to be conducted in the room devoted to cheese making, ice cream and market milk will be of such a nature as to give the student actual training in handling cheese, ice cream and market milk.

The building is equipped with four cold storage rooms as shown in the floor plan.

The rooms on the second floor are as shown in the drawing.

The two class rooms are exceptionally well lighted and are sufficient to accommodate approximately one hundred students.

(Continued on Page 2.)

St. Olaf Band To Invade A. C.

Will Appear At A. C. Armory Feb. 6th Under Auspices of the N. D. A. C. Cadet Band.

What promises to be one of the best band concerts ever heard in the college armory, will be played the afternoon of Saturday the sixth of February.

The St. Olaf band has played concerts throughout the northwestern

states and have always scored a big hit at each performance.

Happy New Year to All.

The above is the wish of the Spectrum to all it's readers and friends. This issue marks the beginning of the Spectrum for the new year and also a new start for each student in the institution.

What We Think of the Matter

THE STUDENT VIEWPOINT.

One of the largest factors in the life of any school or institution is the student.

It seems that the main idea of many of the statements published is, that the farmer should be only a producer of crops and prepared to do nothing else.

Some of the publications do not take into consideration the fact that, by going into positions, such as teachers of agriculture, better farming agents, extension men, rural social workers, county Y. M. C. A. workers and experiment station work, the agricultural college grad-

uate is rendering the highest service for agriculture.

There are two cries from all parts of the U. S. One is, better conditions for the farmer and the other with merely a selfish motive to it is, to keep the farmer ignorant and merely a producer of crops.

Still other newspaper articles go so far as to say that "The mixture of town boys and country boys does not work well."

If the above statements are true, then is it not impossible to have a movement of advancement by the people, who are already on the farm, if they do not meet together in the agricultural colleges of the various states and study there the Science of Agriculture?

At the University of Illinois in the agricultural department, 45 per cent of the enrollment is made up of men from cities of over 5000 and 12 per cent of this number come from the city of Chicago, and they are all studying agriculture with a vengeance and are returning to the farm and making good.

Sunday Vesper In Armory

At the first vesper services of the term which were held in the Armory last Sunday at 4 o'clock there was given an illustrated lecture on the "Dawning of the New Religious Life in Asia."

Next Sunday, Jan. 17, there will be a lecturer to present to the students of the college just what part the missionaries are playing in molding the minds of our foreign people abroad for god and higher living by bringing to them the Christian religion.

(Continued on Page 2.)

FIRST CONVOCATION OF NEW YEAR

The first chapel exercises of the new year were well attended. The address of the morning was delivered by Herbert Bigelo of Cleveland, Ohio.

INDUSTRIAL MOTION PICTURES

This week several reels of pictures have been secured by the Engineering Department for its regular Friday afternoon show.

In the Physics Lecture room, Engineering Building, Friday at 4:45, no admittance is charged.

Adelbert Puchfeldt reports hearing the wireless messages of the A. C. during the home during Monday morning.

Boys and Girls of North Dakota in Annual Meeting

Short Course Men Hold Big Meeting

Sonquist and Gustafson, Former A. C. Students, Main Speakers.

One of the best moves ever made by the college and industrial men of the institution is the one just started. In this move the men are to hold on each Monday evening a meeting for the Short Course students.

During the meeting Messrs. Sonquist and Gustafson, both graduates of the last year's senior class, spoke to the men.

The following meetings will take up subjects that are vital to men of the country and among the speakers which will appear on the following programmes are, Professor Norman of the Agricultural College and Professor Bivin of Fargo College.

JUNIOR PROM FOR SURE

It will be good news to the students and friends of the Agricultural College that the former custom of giving a Junior Promenade has been resumed.

Katherine Keye and Ray Gibbons are the general chairmen. The decorations are under the direction of Ray Bolsinger, with an able corps of assistants.

A ten piece Orchestra, led by Mr. Baernstein will furnish the music. The Committee in charge of the music is Harold Bachman, Mae Howe and Dorothy Dalrymple.

Invitations have been issued to the friends of the college and all Faculty and Students are invited to attend.

Judge Wiji

Ruel Wiji returned Saturday morning from Ada, Minn., where he acted as a debate judge between the Ada and Crookston High schools.

The Fifth Annual Boys' and Girls' Institute

(By Marvin Kirk.)

The members of the Boys' and Girls' Institute are the winners in the county industrial contests, conducted by the county superintendents of schools, under the supervision of the Extension Department of the Agricultural College.

Last spring 13,000 North Dakota boys and girls entered the contests in the state. Of that number 119, or less than 1 per cent, who were the highest in their counties, were the members of the Fifth Annual Boys' and Girls' Institute.

The delegates arrived on the campus at about 9 o'clock on Tuesday morning, and assembled in the Little Country Theatre, where they were enrolled and received their badges.

In the absence of the president, the vice president, Mr. Clifford Hiatt, of Foster county, formally opened the institute. He introduced Prof. G. W. Randlett, head of the Extension Department, and the man who originated and has conducted the Institute the past four years.

President Woist welcomed the boys and girls, and commented on the good work they had done in the contests, and wished them an enjoyable week.

Others who spoke to the boys and girls at this time were: Hon. Wesley C. McDowell, of Marion, N. D.; Mr. Neal McDonald, of Valley City, N. D.; state rural school inspectors; W. J. Crocker (Uncle Will), of the North Dakota Farmer, Lisbon, N. D. and Marvin S. Kirk, of the Agricultural College.

"Uncle Will" attended the Institute in 1911, and composed a yell at that time, which has been adopted

as the Institute yell. After teaching this yell to the children, he announced that he would give a prize of \$5.00 for the best report of the Institute sent to him by any of the members.

The regular lessons of the institute began at ten o'clock. Mr. Benson, head of the young peoples work in the Department of Agriculture, gave the first of his series of lectures on canning. This lecture was on general canning methods.

Singing, conducted by Prof. Hollis, of the Extension Department, occupied a few minutes between classes, the first two days of the Institute. Miss Amidon, of the Valley City Normal, had charge of the singing the last two days.

The next hour Prof. W. B. Bell gave a talk on "Five Rodents of North Dakota." He spoke about the three ground squirrels and the two gophers that are found in the state, showing specimens of each, and telling of the damage done and the methods of controlling them.

For dinner, the crowd was divided, half going to the Copper Kettle Inn, and half to Ceres hall. This arrangement continued until Wednesday evening, when those who had been boarding at Ceres went to the Copper Kettle, and those who had been there went to Ceres, for the rest of the week.

Immediately after dinner, Dr. Aaron McBeede, of Cannonball, N. D., entertained the boys and girls with a number of Indian Legends.

Following this, Marvin Kirk took charge of the children, and divided them into four groups, two of boys and two of girls. These groups were then taken, by students of the college, for tours around the campus.

In the places of most importance and interest, professors had been asked to explain their departments, and in every case they did so gladly.

(Continued on Page 2.)

Agricultural Teaching Staff Changes

Professor Pope Leaves to take up Work in South Dakota and Professor Churchill takes up Work as Head of the Agronomy Dept. here

Our Department of Agriculture is exceedingly fortunate in securing the services of Prof. O. O. Churchill as head of the Agronomy department.

This past term Mr. Pope has been handling all of the classes in agronomy and Genetics since the resignation of Prof. Dynes.

Mr. Churchill will be engaged in the exclusive work of teaching agronomy.

Professor M. N. Pope, will leave the first of February for Spearfish, S. Dak., to take up the position as head of the Biology and agronomy

department of the South Dakota State Normal School at that place. Mr. Pope has been with the department here since his graduation in 1912 and his rapid promotion is an index to his ability.

The position to which Mr. Pope has been elected was made vacant by Charles Michels a former graduate of this institution. Mr. Michels is now with the South Dakota Agricultural college and has charge of the extension work west of the Missouri river.

The Spectrum extends its best wishes to both men for their future success.

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OUR START.

This being the first issue of the year and the first under the present editor we ask that every one be lenient with us on the start and we pledge ourselves to do our best in the future.

WELCOME.

To the short course men of the institution. The Spectrum takes this opportunity of welcoming you to the school. We have confidence in you and in your future. You are a part of the institution and play an equal part with the college men and women in the upbuilding of its moral and scholastic character.

THAT REMINDS ME.

"When I was a boy," remarked a thoughtful citizen, last week. "I was walking in the edge of the woods when a pheasant, apparently badly injured, began to roll and flutter about in the path. In my boyhood eagerness I pursued her, but she always managed to elude me by a very small margin. The further I pursued her into the forest the more convalescent she seemed to become, finally she flew away apparently as well as ever."

I told my father about it that evening when he laughed and said, "my boy, there was a nest somewhere near the place where you first discovered the apparently wounded bird. Her antics were intended to detract your attention from her nest, and she fooled you completely."

One is reminded of the above after reading the Bismark Tribune's series of articles on how to manage the state educational institutions.

Dairy Dept. Complete

(Continued from first page.)

class room having seats for probably sixty-five students and the smaller about thirty-five.

The reading room is large and well lighted and is equipped with a long study table, and chairs. In this room will be kept the current, standard papers dealing with the dairy and animal husbandry industries. This room is also equipped with excellent electric light fixtures in the form of a 400-Watt light of the indirect type.

The dairy division of the college now has the active support of the dairymen and dairy industry of the state. Much credit must be given to their efforts. The field for the development of the industry in North Dakota is second to no other state in the Union. The increased returns that can be secured from dairying is attracting the attention of farmers to the introduction and development of our livestock industries. Among those livestock industries dairy farming easily ranks among the first and in the minds of many takes first place.

The number of dairy cows in North Dakota is rapidly increasing. In 1900 the number was given as 125,503; in 1910 as 259,173; in 1913 on Jan. 1, it was estimated at 277,000 and on Jan. 1, 1914, at 305,000.

The training offered students is based on the need for a greater dairy industry. The course of studies in its broad outlines will cover: (1) The element of dairying, which will acquaint and familiarize the student with the broad underlying principles upon which successful dairy farming must be based; (2) Specialized studies along either one or all of the following lines of dairy work; (a) Dairy manufactures which includes butter, cheese, ice cream and the fermented milks; (b) Economic milk production, (c) market milk handling and distribution, (d) dairy bacteriology, (e) Dairy chemistry. The bacteriological and chemical work will, for the present be given in the well equipped laboratories of the chemical and biological departments of the college.

The dairy building is being equipped under the direction of J. R. Keithly, professor of dairying, who has charge of the dairy work in the North Dakota Agricultural College. He was formerly with the Dairy di-

vision of the United States Department of Agriculture.

The new dairy building with its equipment is making possible the training of leaders in the dairy industry who are familiar with the conditions of the state and being North Dakotans they will have their state pride to spur them, to greater effort in developing this important industry in the state.

PHARMACY CLUB.

On Oct. 16, 1914, a meeting of the first and second year Pharmacy classes was called to order by Mr. W. H. Woodard, acting chairman. Mr. Schunk was elected to represent the classes at the Student Council.

The Pharmacy Club was organized and officers elected as follows: President—Chas. Hein, Jr. Vice President—Elmer C. Ridey, Secretary and Treasurer—J. C. Wamberg.

A Social Committee of three was appointed, consisting of Woodard, Haroldson, Macer.

Owing to so many other social events last term, there was not much done, but more activity is being shown this term and big things can be expected.

ATTRACTIVE PRIZES FOR CORN EXHIBITORS.

The seventh annual North Dakota Corn show opens in Fargo the week of the Grain Growers convention, Jan. 19-22, and already a fine list of entries has been made. The largest single prize is one of \$50 for the best and biggest ten ear entry from any county in North Dakota. A second prize of \$25 is also given in this class.

In Class 1 for each of the four districts of the state, northeastern, southeastern, southwestern and northwestern, prizes of \$5, \$3 and \$1 are offered for the best ten ear entries in the different lots of the section and in addition a cash prize of \$10 for the best ten ears in any section. The winner of the \$10 prize forfeits other premiums already earned.

The Commercial club has undertaken to pay all transportation charges and no fees are required for entry. Ten ears of corn with the name of the exhibitor sent in to Secretary Hardy of the Commercial club before Jan. 19, is all that is necessary. Participation in this show does not preclude exhibiting other varieties of corn in the Pure Seed contest.

Boys and Girls of North Dakota in Annual Meeting

(Continued from first page.)

turned to Ceres Hall, where they were splendidly entertained at a reception in their honor.

After supper, Mr. Benson gave an illustrated lecture on "What Boys and Girls Have Done in Other States." Slides and motion pictures were used, showing the various contests and contestants who have won high honors in other states.

The second day of the Institute opened with a lecture and demonstration on "Fruit Canning," by Mr. Benson. He explained how much more economical it was to can tomatoes at home than it was to buy them already canned.

Mrs. G. W. Randlett gave a short talk on "Chickens," telling how to care for them to get the best results.

Mr. Thos. Cooper, head of the N. D. Experimental Station was introduced, and in the course of his talk referred to the contests that were being conducted in the state, and the results that were being attained.

At eleven, Mr. Benson gave the last of his lectures to the children, on the subject "Vegetable Canning."

After dinner, Mr. Robbins, physical director of the city schools, organized a number of games in the Armory, for both the girls and boys, and at three-thirty, they were taken on their second inspection tour.

After supper, the College Young Men's Christian Association entertained the boys and girls, in the Ceres Gymnasium, until seven-thirty, when they went to the Little Country Theatre to an entertainment given by students of the college, under direction of Prof. A. G. Arvold.

Thursday morning, Prof. Miller gave a talk on "Pets," using his squirrels, guinea pigs, rabbits, snakes, etc. as examples.

The next hour Prof. Hollis gave the boys an illustrated lecture in the Theatre, and Miss Stoner gave the girls a lecture on "Bread Making and Judging."

At eleven Mrs. Hollis talked to the girls, and Prof. J. H. Shepperd gave the boys a stock-judging lesson, on the beef and dairy type of cattle.

The Institute picture and a number of county group pictures were taken at one o'clock, and then the girls visited the City Y. W. C. A. and the boys the Y. M. C. A., until two-thirty, and then they were entertained free by the Orpheum Theatre. After this, they were taken to various places of interest around the city.

After supper, Mrs. A. G. Arvold entertained the children with Christmas stories, after which Prof. Keena, Dean of the engineering department, explained the process of taking and showing motion pictures, and Mr. Corbett showed four reels of very good pictures.

Friday was the last day of the Institute, and during the first hour, the president, Mr. Joseph Shelver, of Devils Lake, Ramsey County, gave the annual address, and appointed committees.

The only lesson on this day was by Prof. Keithly, on the Babcock Test, care of milk and cream, and dairy sanitation.

The reports of committees and the election of the officers for next year occupied the next hour. The officers elected were:

Jay Wilcox, Mohall, Renville Co., President.

Walter Granlund, DeLamere, Ransom County, Vice-President.

Mable Poe, Williston, Williams County, Secretary.

Harvey Shortage, Calvin, Cavalier Co., Treasurer.

From one o'clock until three-thirty, Mr. Robbins entertained the children with games, in the armory, and then Miss Amidon gave another short lesson in singing, which was the last thing on the program.

Also this formally closed the Institute, its influence has only begun. One hundred and ten of the most energetic boys and girls in the state have gone back to their homes in all parts of the state, carrying with them new ideas as to the best methods of farming and housekeeping. In this way the influence of the Agricultural College will be felt in parts of the state never reached before. Then these boys and girls are all looking forward to the time when they can be students at the A. C. Many members of past institutes have already enrolled here, and their number is constantly increasing. Taking these things into consideration, it is impossible to estimate the results which may come from this Institute.

AID GIVEN SHORT COURSE MEN

Y. M. C. A. Rooms Prove Very Popular Place for Many Students.

During the past week the Y. M. C. A. men have been busy on all parts of the campus acting in the capacity of members of a reception committee for the three hundred Short Course men who have come for the winter term. The Association room has been more than taxed to its capacity in handling the large crowds of men who have used it as a headquarters during the opening days. At noon hours, evenings and periods after drill the strains of music from the gramophone could be heard, and around the room on every available place were men sitting listening to the music. Both typewriters have been working over hours on letters to the folks at home, and rooms, room-mates, jobs for board and room, etc. have been the principal topics of conversation.

The program of activities outlined for the Short Course men was the topic of chief importance at the Association cabinet and committee meetings of the week. On these occasions principally at the regular weekly meeting of the promotive committee—held Thursday night—the whole question of the needs of the new students was discussed, particularly those of a moral recreational and religious nature. Some of the experience of past years was reviewed showing where Short Course men had failed to make the most out of their short stay here at the A. C. The principal points raised were that, first, the men have a large amount of free time to waste which they know not what to do; secondly, they are new to city life and conditions and hence are quickly taken up with many of the commercial amusements and attractions of the town which may or may not be helpful to their best interests; and lastly, the men are apt to carry back home and to their friends too small a proportion of news about the better side of A. C. life and far too much of that which has to do with the cheap amusement life, pool room loafing, etc.

To meet these recognized needs the Association men outlined a program that will prove both attractive and helpful to the new men. As regards amusement, exercise and recreation a class for Short Course men has been arranged for at the Fargo Y. M. C. A. gymnasium which will meet twice each week, giving the men training in gymnastic work, swimming and individual events on the track and life. For social life a full program has been planned. Next Saturday night there will be a general Stag held for the Short Course men, the entire evening being given over to good fun, stunts, music, "eats," etc. Then too, it is planned to have most of the men invited out to smaller parties in local homes at some time during the next ten weeks.

As regards the moral and religious activity, it is planned to hold a weekly program for the men in the Little Country Theatre. At these meetings the time will be divided into two parts, the first being given over to the discussion of some important moral issue of student life, or of the rural life to which the men will return after finishing their course here. During the term many important topics of current interest will be discussed. The last part of the evenings will be given over to music and getting acquainted. Thus it is hoped that the Short Course men will be able to leave the A. C. with a good, clean record behind them and with ideals for the future.

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WITH BIG STORE.
The big Herbst department store
asked Dakota Business College for
a capable office woman. Miss Ely-
era Schroeder was recommended,
secured the situation and began
work Saturday. It must be appar-
ent to prospectives that the best sit-
uations are secured by D. B. C. peo-
ple—publicity.

Athletic Activities
Aggies Whallop
Moorhead Normal

Score A. C. 37—Normal 12.
The first basket ball game of the
season was played Saturday Night
with Moorhead Normal and ended
with a victory for the A. C. The
score indicates an easy game for the
Aggies but on the contrary it was
a hard fought game and a great deal
more pep and endurance was shown
by the Moorhead team than was ex-
pected.
The game started out with a
rush on the part of both teams each
man playing a close, guarding, con-
sistent game. A few minutes was
needed by the Aggies to locate the
basket as they were on a strange
floor and only a few had played to-
gether before. Bolsinger made the
first basket after only a few minutes
play and after this it seemed easy
for him to drop the oval into the
basket as he made half the points
that were made during the game.
Several spurts of excellent team
work was displayed during the game
by both teams but the team work
displayed by the Aggies was superior
to that of the Normalites although
the Moorhead team showed very
good guarding ability, and were ex-
ceptionally clean players only com-
mitting two fouls throughout the
game.
Every man on the Aggies squad
had a chance to show their worth,
and many of them are promising
men. Movold played a hard game
during the first half when he was re-
placed by Crawford who showed up
fine and has real basket ball ability.
McKee played the other forward and
got two baskets off from the huskie
guard. He was replaced by Porter
who was into the game every
minute. Bolsinger the big center
was the point maker of the game
getting away with nine field baskets
and one free throw. Helme went in
for Bolly during the second half, he
was able to get the jump on the big
Normal center but could not locate
the basket. Captain McQuillan who
played guard and did some excellent
work letting his man get only one
basket. Fat Barchus went in for

Mac during the second half, he also
guarded well. Blix played the other
guard and had considerable trouble
with the post in the middle of the
floor but nevertheless kept his man
from locating the basket. Peterson
went in for Blix and showed up well.
Grinaker the Concordia man played
the last few minutes in Crawford's
place.
The line up was as follows:
A. C. Normal
Movold, Crawford F Carlander
Grinaker
McKee, Porter F E. Johnson,
Messler, Paxton
Bolsinger, Helme C Iverson
McQuillan, Barchus G Anderson,
Carlander, R.
Blix, Peterson G P. Johnson
Fouls: Aggies 7.
Normal 4.
Field Goals—Aggies 36
Normal 6
Foul Goals—Aggies 1
Normal 6.
Referee—Tierney.

POTATOES AT THE NORTH
DAKOTA IMPROVED SEED
GROWER'S ASS'N CONTEST.
At Fargo Jan. 19—23.
This note is written to remind
farmers that any grower in North
Dakota who has raised a quantity of
good potato tubers suitable for sale
as seed for planting purposes may
exhibit at the coming potato contest.
The organization is to help you get
in touch with those who wish to buy
good potatoes for planting purposes
or for sale and distribution. If you
have good potatoes of any variety,
send 10 tubers properly wrapped to
protect them from frost, parcel post,
express, or otherwise, addressing the
package to the Pure Seed Labora-
tory, Agricultural College, North
Dakota so it will reach us on or be-
fore January 17. Don't wait. Send
them in at once. The longer you
wait the more difficult it is for those
who take care of the exhibits. There
is no entry fee charged but it is
hoped that those who once get in
touch with this organization will
eventually become members and help
to give the state of North Dakota a
reputation for high quality of seed
which its growers place upon the
market. If you wish to make a rep-
utation for yourself which will be
permanent, the organization is in
position to help you do this. Do not
forget to state how many bushels of
such tubers you have for sale.
If you come to the tri-state con-
vention bring along your tubers.
H. C. Bolley, Secy.

STUDENT COUNCIL MINUTES
Tuesday, December 1, 1914.
Regular meeting of the council.
Meeting called to order by the pres-
ident, and proceeded at once to the
business of the meeting. First the
matter in regard to absence from
the meetings of the council. Motion
was made by Mr. Mendenhall, and
seconded, that the president of the
council notify each class president
and secretary, and each organization
represented in the council, and also
to put a notice in the Spectrum in
regard to the fee of fifty (50) cents
for an absence. Carried. Report of
the committee on nominations.
The report was read by Mr. Knut-
son. Those nominated were Mr. Geo.
Dixon, and Mr. Joe Alexander. The
motion was made and seconded that
the council accept the report. Car-
ried.
Further nominations from the
council were then called for. None
were made, and the nominations
were closed.
A ballot was taken, and Mr. Geo.
Dixon was elected as Editor-in-chief
of the Spectrum for the Winter
Term.
Mr. Knutson, treasurer of the
Council asked that the members
bring their dues at the next regular
meeting.
Pres. Dixon brought up a discus-
sion in regard to the Bushel of
Wheat Campaign for a Boy's Dormi-
tory. He said that there at present
between \$500 and \$800 in the
treasury, and that the offices of Pres-
ident and Secretary were vacant.
Mr. Dixon appointed a committee
from the council to confer with
Pres. Worst and elect a President
and Secretary to carry on the cam-
paign. Mr. Mendenhall called atten-
tion to the fact that the time of
meeting of the council had not yet
been decided. Mr. Kelly moved that
the first and third Tuesday of every

Alumi
David Sonquist and George Gu-
stafson graduates of last year who
are in county Y. M. C. A. work in
Iowa were on the campus yesterday.
Last night they spoke to the Short
Course Men at a meeting in the Lit-
tle Country Theatre for the purpose
of organization among this group of
men. They spoke on the scope of
the County Association Work in
Iowa. Giving an insight into this
new field of Association work, and
the opportunities that it is bringing
to the county boys which have here
to fore been enjoyed only by the
boys of the larger cities.

Beatrice Alm '13 who is teaching
at Forest River, N. D. passed thru
Fargo twice on her way to Hankin-
son where she spent the holidays
with her parents. During her stay
in Fargo she stopped with Katherine
and Ripshah Ladd. Some are wonder-
ing what the solitaire on the left
ring finger means.
Grace Briscoe '12 spent the holi-
days at her home here in Fargo.
Grace as you may know is in charge
of the Home Economics work in the
high school at Devils Lake, N. D.
It looks as if she is to be a fixture
there for she has held down the
same position ever since she left col-
lege, which speaks well for her
work.
Chester Holkesvig, Leo Nemzek,
Henry Reddy, Frank and Dan Dar-
row all former members of this in-
stitution were together at Philadel-
phia where they attended the Uni-
versity of Pennsylvania and Cornell
football game.

Mr. Earl Hunt '10 and Eugenia
Ruff '12 were united in wedlock at
the home of the bride 1516 East
Sixty First street, Chicago, on De-
cember the Thirty first. Both have
been teaching at Elmore, Minn.
Gabriel Lundy '14 was a caller at
the college shortly before New

Work of Many
Years Published
Bulletin On the Mammals of North
Dakota Just off the Press

A bulletin has just been published
by the Agricultural college experi-
ment station and entitled, "Prelim-
inary Report on the Mammals of
North Dakota." This is the first of
its kind ever published in North
Dakota and promises to bring forth
great comment from all parts of the
country.
The bulletin is the result of many
years' hard work and investigation.
The material for the publication
has been gathered by the United
States department of agriculture, the
Agricultural college, and the state
university. The men in charge and
directing the work, were Professor
William Bell of the zoological de-
partment of the Agricultural college,
Vernon Bailey, chief naturalist of
the biological survey, U. S. depart-
ment of agriculture, and Melvin A.
Brannon, formerly of the University
of North Dakota, but now president
of the University of Idaho.
The work deals with the life and
crop zones of animals, their habits
and the preparation and care of
specimens; it also explains how the
material was gathered and has sev-
eral preliminary notes. A great deal
of the work in the bulletin has been
made possible by information con-

tributed by the older residents of the
state and their co-operation with the
men in charge. Material dealing
with the animals in the state in
years gone by and not now present
will be gladly received by Professor
Bell of the Agricultural college.
Following the preliminary notes
the work takes up the different ani-
mals in their alphabetical order,
starting with the buffalo and ending
with the merriam shrew. This last
named is a small white animal and
has been found but in two localities
in the world. Only two specimens
have been found. The first was
found at Fort Custer, Montana, and
the last one was found by Stanley
Jewett, of the U. S. department of
agriculture. Mr. Jewett found his
specimen on a butte near Medora, N.
D.
The Kansas pocket mouse is an-
other very rare animal and Dr. Bell
has the only one that was ever
found in North Dakota and was ob-
tained at Wade in Morton county.
The bulletin is in a way a stepping
stone for a larger edition which
is to be published by the U. S. de-
partment of agriculture. This work,
however, is several years away and
so the material is given to the pub-
lic in bulletin form at this time.

month at 12:45 be set aside for the
time of meeting, and be subject to
the call of the president for special
meetings when necessary.
Report of Mr. Kelly was then
given, and accepted by the council.
Motion for adjournment.
A. Whitman, Secy.

NEW APPARATUS FOR THE
PHYSICS LABORATORY.
The experimenters in wireless tel-
egraphy and telephony will be inter-
ested to learn of the new sets which
have been acquired by the Physics
laboratory. Mr. Glenn King has
been working on the assembling of
the apparatus for some time back.
The sending set is separate from
the receiving, and is capable of be-
ing sharply tuned by several differ-
ent methods. The receiving panel
has two distinct types of receiving
sets, both having been tested by Mr.
Hooper in connection with the large
station, giving good results.
These sets are designed for stud-
ent use around the laboratory and
the campus, and will be ready for
use about Jan. 15.

They're not short-lived
The Jerseys
In 1913 eighteen Jersey
cows were officially tested
which averaged 12 years
and months of age. Their
average milk production
was 807 pounds. Average
butter fat, 3.67 pounds. One
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SOCIETY

The Homemakers entertained the Short Course girls at a tea given Friday afternoon in the Model Dining Room at Ceres Hall. This was done to welcome them to our midst and to make them feel more at home.

The Delta Phi Beta Sorority held a business meeting Saturday afternoon at the home of Cora Hoag. After the business was over, a social hour was enjoyed, during which time a delicious lunch was served. Several of the alumni girls were present.

Bertha Gunderson a former student of this institution, and a member of the Chi Upsilon Omicron Fraternity has joined her parents who are now residing in Minneapolis. She is however continuing her studies at the Minnesota "U".

Miss York is busily engaged assisting the students in selecting their readings for the Declamation Contest which takes place Feb. 5th. So far, eight individuals have expressed their desire to enter, and an extraordinary contest is expected. Prof. Arvid is again planning to put something on that will be equally as great if not greater than the one hundred piece band of last year, which caused such a sensation.

Miss Ruth Nelson of Glen Ulen has returned to resume her studies of last year. On account of illness, Miss Nelson was not able to return in the fall.

Einar Blix is again registered at school. During the fall, Mr. Blix was engaged in construction work for the Great Northern Railway, in Montana.

On Friday eve Jan. 19 the Delta Phi Beta Sorority entertained the Alpha Mu fraternity at an informal party given at the Civic Centre. Decorations were suggestive of Xmas. During the evening music and dancing was enjoyed, after which candles were lit, and the lights put out, and suitable presents were distributed to guests and members from a Xmas tree. Towards the close of the evening a delicious lunch was served. President and Mrs. Worst acted as chaperones.

During Christmas vacation some of the members of the Alpha Mu fraternity were hosts at an informal party given at their fraternity house. Dancing was the diversion of the evening, after which all assisted George Dixon, chief cook, making oyster stew. About fifteen couples were present. Mr. and Mrs. Bachman chaperoned.

About two weeks ago, friends of Miss Eugenia Huff received invitations to her wedding which took place on the evening of Dec. 30, at her home in Chicago. The fortunate man is Earl B. Hunt, a member of the class of '11. They will make their home at Elmore, Minn., where Mr. Hunt is at the head of the agricultural department, and where Miss Huff has been teaching domestic science. Miss Eugenia Huff was a member of the class of '14 and active in musical circles and the Delta Phi Beta Sorority.

Miss Lucile Morris, also a former student here and a member of the Delta Phi Beta Sorority, did not return after the holidays to resume her work.

The Phi Upsilon Omicron fraternity held a Xmas party on Friday, Dec. 18, at the home of Miss Louise Fitzgerald. A Xmas tree was one of the chief features of entertainment with characteristic presents for each member and guest. The fraternity presented Miss Bertha Gunderson with a spoon bearing their emblem as a token of remem-

SPECIAL NOTICE.

All former students in Botany 1, 2 and 3, who failed in any term's work and who have not made up the failure should see Professor Reynolds concerning the matter, as soon as possible since changes in the arrangement of the course may involve the time when work can be made up. Also a few laboratory books are on hand, and must be called for before the end of the present term, or they will be destroyed. Students in Physiology last year may get the books in the corridor of the Science Hall.

brance after her departure. The Misses Frojen, Blake and Price were guests.

The Athenian Literary Society gave their first annual banquet in Ceres Hall dining room, Saturday evening, Dec. 12, at 8 o'clock. Each year now a banquet will be given in honor of the Athenians who have appeared upon public programs, in debate, oratory, declamation work, etc. White carnations and ferns carried out the society colors in the pretty table arrangements. Covers were laid for thirty-six. A very fine five course dinner was served. Besides the members of the society, there were eight invited guests, Mr. and Mrs. A. G. Arvid, Ward Porter, Clarence Williams, Ray Sweetman, Cyril Wolf and Misses Katherine Ladd and Mary Ball. Following the dinner a program of toasts and music was given. Mr. W. Mendenhall, president of the society, acting as toastmaster. The toasts were: "A Freshman's Impressions of the Literary Societies of the College," Miss Maise Gilmore; "A Look Ahead," by Walter Baumgartel; "The Relations Between the Different Societies," by Mr. Ward Porter; "The Athenian Literary Society General," by Mr. Arvid. Music was furnished by the Y. W. C. A. quartet, and the Athenian quartet, together with several violin solos by Mr. Ray Sweetman, Miss Marian Johnson accompanist. Miss Charity Pinney gave a selection from Foley, Miss Dorothy Puu, "A Scotchman's Courtship," and Misses Katherine Ladd and Theresa Howland the skit "Two Lunatics." After this program all assembled in the parlors, which Mrs. Gilbert had very kindly thrown open to them. Here games and stunts were enjoyed till a late hour.

Miss Leola Howard, a member of the Phi Upsilon Omicron Fraternity of Minnesota, spent Dec. 13 and 14 with members of the local chapter. Tuesday evening a spread was given in her honor which was greatly enjoyed by all those present. Miss Howard returned to her home on Dec. 15.

The Y. M. C. A. gave a lunch for their new members in Ceres Hall room, Dec. 13. The affair took on the form of a picnic lunch and was served accordingly. After lunch fitting services were held for the new members. The tables were pushed back and services were held right in the dining room. The boys prepared and served the lunch.

Miss Dorothy Price gave a very fine spread Friday evening. After the guests had arrived they learned that it was her birthday, so she was dealt with accordingly. This was thought to be the sixteenth birthday for that number of candles appeared upon the large birthday cake which she had received from home. All enjoyed a splendid time.

Miss Stella Morrison of Center, N. D., a former student of the A. C., visited with friends the fore part of the week. She returned to her home Thursday to resume her work.

Miss Ruth Nelson returned to school this term after a term's absence to resume her school work.

The Student Government Association of Ceres Hall elected their officers Thursday evening for the following year. The result is as follows:

President—Elsie Stark.
Vice President—Agnes Hutchinson.
Freshman Representative—Blanche Miller.
High School Representative—Winifred Pope.
Proctors—Myrtle Wachter, Maude Engle, Liela Nelson, Ruth Olson and Mable Ewen.

After examination week these books will also be destroyed.

E. S. Reynolds.

FORMER A. C. MAN HONORED.

Professor G. L. Martin, who for several years had charge of our dairy department, but who is now a member of the Montana Agricultural College faculty, has given such excellent satisfaction in his work that his ability has been recognized by his promotion to the position as head of Animal Husbandry, as well as Dairying. This is a much better position than the one to which Professor Martin was elected, when he went to Bozeman last April.

Industrial Course Students Enjoy Faculty Party

On Friday evening, Jan. 8, the faculty entertained in the College Armory. The party was given for the members of the industrial courses and the high school girls. At 8 o'clock the movie man got busy and showed some excellent pictures; the pictures were both entertaining and instructive. This was followed by an excellent address from Pres. Worst. The remainder of the evening was devoted to dancing and playing of games.

The music for dancing was furnished by the Ceres Hall orchestra, while the industrial course band had several novel stunts worked out which were thoroughly enjoyed by all.

Refreshments were served and about midnight the party broke up, after proclaiming the faculty royal entertainers.

PROFESSOR CHASE ATTENDS MEETING.

Professor Chase, head of the department of Agricultural Engineering attended the 8th annual meeting of the American Society of Agricultural Engineers at Chicago on Dec. 28, 1914. This Society although young is rapidly forging to the front. The membership in 1914 increased 34 per cent showing that the interest in this branch of Agriculture is on the increase.

Mr. Chase, as chairman of the grain cleaning contest committee, gave an interesting report.

Professors C. I. Guinness and P. S. Rose formerly of this institution were present of the meeting. One of the points of greater interest at the meeting was centered about the committee on standards the efforts of which committee is to encourage the standardization of all kinds of machinery and equipment.

Another source of great interest at the meeting was the soil milling machine, sometimes referred to as the rotary plow that is being put out by the Allis Chalmers Co. The purpose of this machine is to fully prepare the ground for seeding at one operation.

NOTICE TO SENIORS.

Seniors desiring the assistance of the Committee on Recommendation of Graduates for Employment should call at my office and fill out registration blanks.

Arland D. Weeks,
Chairman.

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YOU are cordially invited to come in and look over our store. Cordial salesmen will wait on you. You are not urged to buy—Remember that we are forced by circumstances over which we have no control to slaughter right now in the heart of the season where we should reap our harvest the same as the rest of merchants. All our fall SUITS, OVERCOATS, SHOES, HATS, FURNISHING GOODS, SUIT CASES ETC.

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