

# THE WEEKLY SPECTRUM

Official Publication of the Student Organization.

VOL. XVI.

Number 11.

NORTH DAKOTA AGRICULTURAL COLLEGE, TUESDAY, DEC. 7th, 1909.

PRICE 5 CENTS.

## Alpha Mus Entertain F. H. S. Football Men

Friday Evening Sees Most Enjoyable Social Function In Frat Rooms.

### BUFFET LUNCHEON SERVED

Dean Keene Presides As Toast Master. Mus Prove Royal Hosts.

A most successful social function was held in the Mu rooms Friday evening when the fraternity men entertained the members of the Fargo High School football team. Besides the members of the team were present, Coach Kambalch, Coach Rueber, Mgr. Dynes, Captain Haskins and Professors Keene, Ziefe and Bell, as the guests of the fraternity.

At 7:30 a buffet luncheon was served which would gladden the heart of the most exacting epicure. Principle on the menu were: roast pig, potatoes au gratin, salad, baked apples, cold tongue, hot rolls, sauerkraut and wienervorsts, celery, olives, salted nuts, coffee, cake, and ice cream. Every one helped himself and ample justice was done to the feast.

After the luncheon had been disposed of, the gathering was entertained by a number of toasts. Prof. Keene acting as Toastmaster. After a humorous and highly entertaining introduction Captain Haskins of the A. C. team was called upon for the first toast and responded with a short talk on "What Makes a Good Football Player", emphasizing the necessity of steady and conscientious training in the development of a strong and reliable player.

Dr. Bell next spoke on "The Attitude of the Athletic Board to Athletics at the College". In this talk he discussed athletics from the viewpoint of the faculty telling of their importance in upholding the standard of the institution.

This was followed by an entertaining description of "The Troubles of the Manager" by Manager Dynes. Mr. Dynes spoke from experience and his remarks were very humorous and interesting.

Captain Kimbal of the High School team then responded to the toast, "Stability and Good Will in Football Players". He laid special emphasis on the fact that no matter how fiercely opposing teams may struggle on the gridiron, they should be on terms of the utmost good fellowship at all other times. Without this sportsmanlike spirit football loses one of its best features.

The final toast was given by Coach Kambalch of the High School on the subject, "How We Won the Championship in High School Athletics". He ascribed their success to the fact that from the start the men were imbued with the idea that the object of the game was to get the ball across the field in the quickest way possible and spent all their time learning to do this one thing.

## Profs. Churchill And Randlett Go To Omaha

Will Have Charge of State and Station Exhibits at National Corn Show.

Prof. Churchill left for Omaha last Wednesday to be present at the National Corn Show, which will be held there during the next two weeks. Prof. Randlett, who was to have gone with him was delayed by the Corn Growing Contest at Lisbon and was unable to start until Sunday.

These two were appointed by the Secretary of Agriculture to have charge of the exhibit from this state and also that from the college station, and accordingly will remain throughout the show. They will arrange the display and while the show is in progress will give a series of short lectures on the corn growing contests in this state.

The college feels a special interest in these contests as it was through the efforts of Pres. Worst that the contests were instituted. Seed is sent out to the contestants from the station along with printed instructions as to planting and caring for the crop. From a small beginning these contests have gained great importance and are now held in all parts of the state. The results are watched with much interest and beyond a doubt have done a great deal to popularize corn growing in this region.

### MAGOFFIN DOING WELL.

In a recent letter from our former coach Maggoffin, he says that he is doing nicely. "Mag" is now located at Washington, D. C., where he handles the eastern end of a big western Real Estate firm. During the last few weeks he has been visiting with some of his old friends. As was mentioned two weeks ago, he stopped over at Ann Arbor and helped Yost for a couple of weeks. He also visited with the John Hopkins' coach for three or four days and while there saw one of the big games from the side lines. He mentions running across three of the Fargo boys who are attending school in the East, namely Dudley, Benton and McGill.

Maggoffin says that he may go back to the coaching business next fall but it will only be for the football season. He does not intend to put in a full year coaching again.

Moreover the team was composed of men who could do things. They were all round athletes, strong, swift and fearless and to them alone is due the credit for the winning of the championship.

After the toasts the company was pleasantly entertained with an exhibition of legerdemain by Frank Darrow the well known slight of hand artist. A few college and High School yells were then indulged in and the party broke up.

In every detail the affair was an unqualified success and the guests unanimously agreed the Mus to be the most royal of entertainers.

## Inter-Society Debate Held Next Friday

Second Contest for Supremacy in Debate Will Be Feature of Week.

### EXPERIENCED MEN ON TEAMS.

All Six Debaters Are Well Fitted for Their Positions.

The Inter-Society debate will be held Dec. 10, in chapel. The question is: Resolved, that a graduated income tax, with exemption of incomes of less than \$5,000 per annum, would be a desirable modification of federal taxation.

Affirmative: Athenian — 1st, Ray S. Towle; 2nd, P. J. Olson; 3d, Ole Nerael.

Negative: Philomathian — 1st, S. V. Anderson; 2nd, D. K. Dyke; 3d, D. J. Ford.

Each speaker will be allowed ten minutes for direct argument and four minutes for rebuttal. O. W. Dynes will preside during the evening.

The judges will be J. M. Witherow, Moorhead; A. W. Coupler, Fargo; and Prof. B. G. Martin. Mr. Coupler and Mr. Witherow are both able attorneys and Prof. Martin, of Concordia, is a graduate of Michigan University and is a competent judge of the art of debate.

The Athenians will occupy the west half of chapel, while the Philos will occupy the east side. Both societies have appointed yell leaders and a great amount of enthusiasm will be shown. As yell leader, Darling will represent the Athenians, while Stapleton will perform for the Philos.

Providing the Athenians win this year, the banner will become the permanent property of the society. A great amount of time has been expended in preparation and a very interesting debate is expected. The question is a live one and is being widely discussed at the present time. The Universities of Illinois, Minnesota and Wisconsin will debate this question upon the same date.

### Prospects.

P. J. Olson is a prominent figure in public speaking & oratory. He won the Gold medal in the declamatory contest in his Freshman year and has been intimately connected with this line of work.

S. V. Anderson is a fluent speaker and able humorist, being both interesting and convincing. He has also taken part in debate and oratorical work.

R. S. Towle, though not so widely experienced, is an able speaker, convincing and concise in his statements. He is well and favorably known as a member of the debating and public speaking classes.

D. J. Ford, a member of the two-year Pharmacy course is a fluent speaker and has had considerable experience in debate.

Ole Nerael has done considerable work along these lines in connection with his teachers'

## Basket Social Well Attended

Large Crowd Entertained at College Armory Saturday Evening.

### PROF. ARVOLD IS AUCTIONEER.

Christian Associations Realize Good Profit On Venture.

On Saturday evening in the College Armory, the two Christian Associations met for a joint social evening. The Armory was artistically decorated with streamers of crepe paper and bunting in the college "Yellow and Green" and pennants from various other institutions. In the furthest corner of the hall was a fortune telling booth which attracted much attention.

The main feature of the entertainment was a track meet representing the various institutions, which consisted of a series of contests. This proved very successful because of the enthusiasm it aroused.

The nature of the contest also made this a very humorous affair. The shot put was held between equal numbers from each of the contesting teams. Each team was given a bottle and each member of the team a small shot; then, at a signal the contestants attempted to drop the shot down the neck of the bottles as they stood on the floor. The team which first succeeded in getting all their shot into their particular bottle were declared winners.

In the running broad jump two rows of chairs were ranged facing each other with a number of gentlemen seated in one row while an equal number of young ladies occupied the other. All the contestants were then blind folded and at the signal each young lady attempted to feed a cracker to the young man opposite her. These and other similar stunts made the track meet very popular.

Music was furnished by a mixed quartette which added much to the enjoyment of the evening.

As a closing number an old time basket social took place and with Prof. Arvold acting as auctioneer generous bids were made as a result of his many witty remarks.

As this was for the purpose of enlarging the treasuries of the two Associations so as to furnish funds for the Rochester delegates a neat sum was realized.

### Notice.

All those who expect to take public speaking during the winter term should see Prof. Arvold this week, to arrange for a recitation period.

He is a faithful worker and a convincing speaker.

D. K. Dyke is a new man at the institution. He comes from Carlton College, where he was well known in debating circles.

## CONVOCATION.

After the usual opening ceremonies the convocation hour was turned over to Dr. Putnam and the time spent in singing with special selections by the choir and several instrumental selections.

The address on next Monday will be by Pres. Worst.

## Faculty Baseball Again In Progress

Bachelors and Married Men Will Play Series of Games for Banquet.

Two years ago members of the faculty, feeling the need of exercise of some kind conceived the idea of indoor baseball. They met at stated intervals, chose up sides and found much recreation in the sport. Last year it was placed on a more definite basis. The bachelors played the married men a series of games. This added fervor and enthusiasm to the game. At the close of the season the benefactors were ahead by a narrow margin.

They undoubtedly expect to repeat the trick this year as they have challenged the lonesome ones to a series of games, the losers to banquet the winners.

Things have not come their way up to this time, however, for they have been vanquished in the first two games of the season by the decisive scores of 32 to 17 and 29 to 14. Whether this was due to bad luck or bad playing we do not pretend to know, but surmise that the loss of two of their best players, Profs. Halland and Rose, has weakened the team considerably, while the addition of such men as Rueber and Critchfield has strengthened the other team.

### LAST GOOD TIME OF THE SEASON OF 1909.

The Alpha Zeta Fraternity Makes Its Initial Bow To The Social World At A Dance Saturday Evening, December 11, 1909.

The grand wind-up of the college social events for the year nineteen hundred and nine will be the **FIRST ANNUAL BALL** of the Alpha Zeta Fraternity, to occur in the College Armory on Saturday Evening, December 11th. It will be the occasion of the initial appearance of the Dacotah Chapter of Alpha Zeta in the Social World, and the promoters are intent on making it the social success of the season. Most of all it is the wish of the fraternity to make this event a real "College Affair", and they take great pleasure in cordially inviting the lovers of the "Light Fantastic" among the Faculty, Students and near friends of the College to come out on that date and make "merry".

Remember that this is the last dance of the year.

REMEMBER The Last Dance, Saturday Evening Dec. 11. ALPHA ZETA



## Chemistry Dept. Issues Bulletin

**Bulletin Gives In A Graphic Manner Some Of the Fakes Put Upon The Public.**

Below are given certain extracts from a recent bulletin issued by the food department. These illustrate some of the fakes which are put upon the innocent public.

### What is it—Oxy Tonic

What is it? It looks like, smells like, tastes like, and analyzes much like Liquozone. Oxy-tonic is produced and sold by the Oxy-Tonic Company, 200 Illinois St., Chicago. It is advertised as a tonic germicide, free from spirits or drugs of any description whatsoever.

A sample, Lab. No. 1837, examined by this Department by Mr. Ziefle, was labeled: "Oxy-Tonic, or Antiseptic, 'Pick-me-up', for Internal and External Use." They say in their literature: "There are no drugs whatever in this remedy. Oxy-tonic, preferably so named because of its oxygen properties and tonic in its wonderful invigorating effects, is an oxidizing fluid of concentrated gaseous elements of an ozonous nature. — Whether used as a medicine internally or as an antiseptic externally, proves not only harmless to the system but absolutely revitalizes all weakened cells and tissues, and is the only method by which complete purification of the blood may be accomplished."

An analysis of the sample gave the following results:

Reaction	Acid
Specific gravity	1.0436
Total solids	551 %
Volatile solids	541 %
Fixed solids (ash)	919 %
Total acidity (calculated as H <sub>2</sub> SO <sub>4</sub> )	51007 %
Sulfurous acid	.1377 %
Sulfuric acid	.1633 %

The sample also contained a trace of hydrochloric acid.

The blackening of the total solids was characteristic of the action of sulfuric acid on organic matter. When the solids were heated, copious fumes of sulfur trioxide were evolved. It is clearly evident, therefore, that Oxy-Tonic is not what its manufacturers would have the public believe; and that it is not possessed of oxygen properties, but rather of acid properties due to the presence of sulfurous acid and sulfuric acids; that sulfurous and sulfuric acid are recognized as drugs; and that it is not, as they say, of gaseous, oxidizing elements.

They say: "Oxy-tonic of special interest to ladies. The benefits to be derived are marvelous. You can treat yourself at home, etc."

If we compare those statements and the analysis with the analysis and literature which was sent out by the Liquozone people, we shall recognize that the product is of the same class. They describe it as being produced from the same products and, "The virtues of Oxy-Tonic are derived solely

from oxygen and other gases." They then say: "The process of blending these gases together under pressure, confined in water and gas-tight tanks, wherein the requisite amount of water has first been placed causing the same to absorb these gases, produces the germicidal qualities."

Our state Drug Law says that a product is adulterated if it be an imitation of or offered for sale under the name of another article or if it be falsely labeled in any respect, with regard to its composition, properties or tend to deceive. And further: "It is adulterated if its strength, quality or purity falls below the professed standard under which it is sold."

They say, "How can one medicine cure so many diseases? Only one conclusion can be drawn from this fact, viz., that there is one common cause for the different diseases, and that cause is the deadly **Microbe**."

They further say: "It matters not what may be the name of the disease, it has its origin in the microbe and can be cured by Oxy-Tonic which attacks and destroys not the name but the root of the cause."

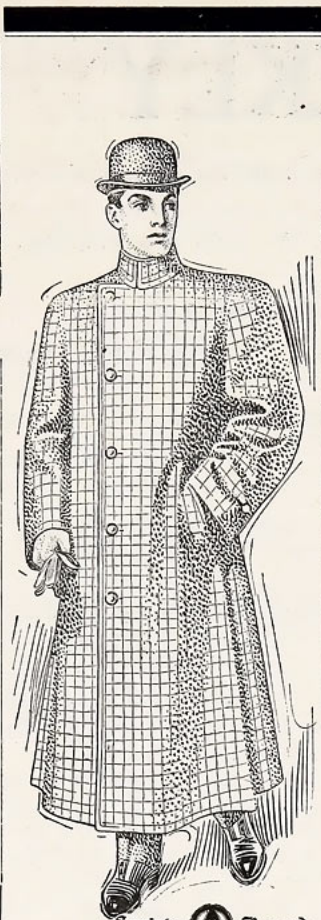
They claim, therefore, repeatedly that their product is a cure, and that all diseases, whether blood poisoning, dyspepsia, heart trouble, liver complaint, neuralgia, lumbago, nervous prostration, insomnia, etc., all have one common cause, the microbe. It is ridiculous to consider such claims as these. They go farther and say with reference to their product that it contains, "nothing but pure water impregnated with oxygen and other germicidal gases, and contains no alcohol, opiates, or drugs of any description."

Now, as a matter of fact, Oxy-Tonic contains no more oxygen than is natural to common water, and it contains no other germicidal gases, so far as we have been able to detect. It does contain sulfuric acid, and it is significant that at the close of their pamphlet they give a table of poisons and their antidotes. The first poison mentioned by them is the class of acids of which sulfuric is one of those named,—the product which is present in Oxy-Tonic in larger proportion than any other ingredient besides water; and yet they say that the product is perfectly harmless.

### FARGO OYSTER MEN ARE PROSECUTED

Three Local Dealers Caught Selling Highly Diluted Goods.

For some time the Pure Food Department has been carrying on a series of investigations in regard to the per cent of water in the oysters sold by the local dealers. The matter came to a head the first of last week when three of the Fargo dealers were prosecuted for selling oysters which contained a larger amount of water than the pure food laws of the state allow. While not more than eight or nine per cent should



## Society Brand

Original Styles for the Young College Chap. They are superior in style, fit and workmanship above any other make.

## The Palace

THE YOUNG MEN'S STORE  
Stern & Field.  
Corner Front and 4th Streets,  
Moorhead, Minn.

## Are You Going ..to Furnish a..

## H O M E

If so, here is the only place where Highest quality and Lowest prices go Hand in Hand.

## W. O. OLSEN FURNIURE CO.

109—111 Broadway, Fargo, N. D.

be present, the three dealers prosecuted were selling oysters containing 28, 46 and 56 per cent of water.

One of the merchants pleaded guilty but the other two fought the case. The hearing was held yesterday.

Pres. Worst will go to Omaha on Dec. 16, where he will deliver an address on the subject, "How to Avoid Agricultural Bankruptcy."

Bulletin No. 19 of the food department will be ready for distribution some time this week. It will give the results of the investigations of durum flour which have been carried on at the baking laboratory.

## R. H. Morrow

Phone 26

619 Second Ave. N.

Wholesale and Retail Dealer in

**Dairy and Creamery Products, Eggs, Cheese,  
Pure sweet Milk and Cream.**

Bottled and delivered to any part of Fargo and Moorhead

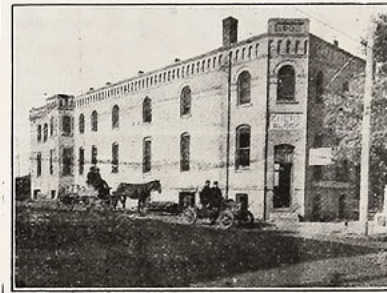
S. Birch, *Pres.* A. Birch, *Vice Pres.*, Fred Birch *Sec'y Treas.*

## S. Birch & Sons Construction Company

Incorporated under the Laws of Utah.

## GENERAL AND REINFORCED CONCRETE CONSTRUCTION

Offices: Salt Lake City, Utah, Fargo, N. Dak., Bozeman, Mont.



## The Knerr Creamery

Pays the Highest Cash Price for Cream

PROMPT RETURNS A SPECIALTY

Write Today for Shipping Tags and Information

The Knerr Creamery

Fargo, N. Dak.  
The largest and most modern creamery building in N. D.

## Fargo Plumbing & Heating Company,

Plumbing, Heating and Electrical Contractors.

No. 119 Broadway

We designed and constructed the  
**Central Vacuum Steam Heating Plant**

heating all the buildings on the College grounds.

Write us for information on anything in our line.

Fargo,

North Dakota.

## SHIP YOUR CREAM to The FRANK O. KNERR DAIRY COMPANY, WHOLESALE AND RETAIL CREAMERY

Cash Paid For Cream and New Laid Eggs.

Our Special O. K. Brand Creamery Butter is always in demand which makes it possible for us to pay the top notch price for cream. We specialize in New laid Eggs. Write to us for tags and quotations.

No. 7, 8th Street So.,

Fargo, N. D.

If you wish to buy, sell or rent a  
**FARM OR FARGO PROPERTY**

call on or address

**H. P. LOUGH**

Room 4 Fargo National Bank Block,

Fargo, N. Dak.

## GO TO GEORGE PIRIE

His Chocolates and Bon-Bons are the Best. Try his Hot Drinks and Dainty Sandwiches.

## LION DRUG STORE,

66 Broadway

Phone 518.

20TH CENTURY SODA FOUNTAIN. HIGH GRADE CANDIES, PERFUMES (STATIONERY.)

FARGO,

H. H. Casselman, Proprietor.

N. DAK.

## "ELMORETO"

A 10c Cigar for 5 Cents

Ferris, Grady & Reineke,

Fargo, North Dakota.

## LIFE INSURANCE

Protection at Lowest Cash with highest Dividends.

M. N. Hatcher, State Agent, Fargo, N. D.

Great West Life Assurance Company,

Head Office,

Winnipeg, Can.



**POLITE VAUDEVILLE AT**  
**THE GRAND**  
 Matinee Prices 10—20c every Af-  
 ternoon and Evening  
 Evening 10—20—30c

**C. E. GREEN**  
 Dealer in Fresh and Salt  
**MEATS**  
 Poultry, Fish and Oysters in  
 Season  
 Phone 51-1.  
 No. 105 Broadway, Fargo, N. D.

**FARGO SEED HOUSE**  
 —Write Us—  
 Fargo, N. Dak.

**VIKING HOTEL & RESTAU-  
 RANT**  
 Lindvig & Losness, Proprietors  
 420 Broadway, Fargo, N. D.

**FOUT & PORTERFIELD**  
 Druggists  
 The Leading Drug Store in N. D.

—VISIT—  
**The BIJOU**  
**Candy Mart**  
**SPECIAL A. C. CANDY BOXES**  
 FRESH CANDIES EVERY DAY

**SORORITY BOXES**  
**DIXON**  
**LAUNDRY**  
 307 Broadway Phone 666

**COWIE**  
 The Barber  
 —Haircutting a Specialty—  
 Under Northern Trust Co.

**SHOTWELL FLORAL CO.**  
 Everything in Cut Flowers, Plants  
 Gold Fish, etc.  
 Send for Catalogue  
 Fargo, N. D.

**A. J. Brown Co.**  
 Interior Decorating, Painting, Ex-  
 clusive Imported and Domestic  
 Wall Hangings.  
 620 2nd Ave. N. Fargo, N. D.

**STOP AT THE**  
**Corner Store**  
**CONFECTIONARY & CIGARS.**  
 Matt Hammas, Prop.  
 Fargo, N. D.

**FARGO LUMBER COMPANY**  
 Lumber, Lath & Shingles.  
 Sand, Gravel, Cement and Plaster.  
 Mill Work of all Kinds.  
 122 N. P. Ave. Phone 243  
 Fargo, N. D.

**FARGO CITY PROPERTY** for  
 sale and rent. Money to Loan on  
 City Property. Fire Insurance.  
 W. J. LANE,  
 Over First National Bank,  
 Fargo, N. D.

**SCOTT HALL**  
 Dependable Footwear  
 Fargo, N. D.

**Course In Chemical  
 Engineering Next Year**  
 Valuable Addition To Be Made to  
 Work Now Offered by  
 the College.

In the College Catalog for 1910-11, which will soon go to press, will appear a new course in Chemical Engineering to be opened next year. The course is now fully outlined and settled upon with the exception of one or two details which may be changed before the catalog goes to press. As it now stands the course is very complete, requiring slightly over the fifty credits necessary for graduation. The first two years are nearly identical with the present Engineering courses, requiring advanced Mathematics, English, German, Drawing, etc. From this general foundation in the first half of the course the student specializes largely on chemical subjects in the latter half. A summary of the subjects required shows the following division of credits among the various departments: Chemistry, 14; Mechanical Engineering, 13; Mathematics, 7; Civil Engineering, 4; Physics, 3; English, 3; German, 3; and other subjects about five. Besides these required subjects, there are a number of vacant periods which make it possible for the able and ambitious student to take up such subjects as Bacteriology, Mineralogy, History, Political Economy or English. These periods are not truly elective, however, for it is only with the consent of the head of the department that these hours may be filled. By this system those with special ability are able to take up valuable work outside of their course while those who are not able or inclined to do such work are not overburdened. It is likely, however, that the regular subjects will prove quite sufficient for the ordinary student.

The course is intended to prepare the graduate for the position of chemist or superintendent of industries allied to engineering, such as iron and steel manufacturing, water supply stations, food manufacturing, etc., in all of which fields there is a great demand for able and well-trained men.

While the course is along an entirely new line, it involves no new subjects but simply represents a combination of the Engineering and Chemical subjects already offered in the curriculum. It has been chiefly through the work of Profs. Slocum and Abbott that the new course is to be opened and no little credit is due them for their efforts. Chemical Engineering is a line of work which has in the last few years come into great prominence and makes a most valuable addition to the courses now offered by the college.

He kissed her on the cheek,  
 It seemed a harmless frolic.  
 He's been laid up a week,  
 They say its painters' colic.  
 —Ex.

**Senior Engineers Have  
 Practical Problems**  
 Different Forms of Power for  
 Pumping Plant Are Studied  
 and Compared.

Three of the Senior Civil Engineers who are taking Water Supply Engineering have been given an interesting problem to work out. This problem takes up the question of a pumping plant for the city of Fargo, and each one takes a different phase of the question.

The problem is stated as follows: Assuming the pumping plant to be located on the flat south of the city of Fargo, pumping an average of 1,500,000 gallons per day, lifting the water from the river to the filters and from the clear water well pumping to the mains against an ordinary pressure of 40 pounds per square inch.

Determine the sizes of pumps, engines, motors and boilers to run the plant.

The problem is divided into three parts, as given below

A. Buying power in the form of electrical energy, using centrifugal pumps for the filter and motor driven triplex power pumps for pumping into the mains.

B. Boilers and high duty pumping engine for the mains with compound direct acting pump for fires, and centrifugal pumps driven by engines for the filters.

C. Gasoline engines driving centrifugal pumps for filter and power pumps for the mains. Compare the yearly cost of operation and determine the most suitable combination.

Each member of the class will take one division and figure up his yearly cost and then when all the data is in, they will be compared and the best possible combination of power and pumps will be determined.

**Did He Get It?**

Farmers boy (with a turkey)—  
 "Here, parson, is a turkey, pa sent you, Gee, I'm tired."  
 Parson (in a joking mood)—  
 "Boy, that's no way to present the fowl. Just take this chair and watch me." He took the fowl, went out, returning immediately.  
 "Dear Sir, my honored father presents this turkey and his best respects to you."

Farmers boy (with a droll smile)—  
 "Your father is a gentleman. Give him my thanks and here for you is a half a dollar."  
 —Ex.

Prof. (to young lady student)—  
 "Your mark is very low and you just passed."  
 Young Lady—"Oh, I'm so glad."  
 Prof.—"Why?"

Young Lady—"I do so love a tight squeeze."  
 —Ex.

When a man in church gets ready for the contribution basket and finds his smallest coin is a quarter, the bad taste in his mouth lasts all through dinner.  
 —Ex.

Steinway Piano Pianola Pianos

EVERYTHING KNOWN IN MUSIC

**Stone Piano Company,**  
 Established 1894

Fargo, N. Dak. Grand Forks, N. D.

Dr. A. J. Kaess  
 608 Front Street - Fargo, N. D.

**Ship Hides, Furs and Pelts**  
**Bolles & Rogers**  
 303 Broadway FARGO, N. D.

**The Worlds' Best Cigars.**  
 POTENTATE—3 for a Quarter  
 10c and 2 for 25c  
 WHITE BEAUTY } The Great  
 BUUD TUCK } Niche Cigars  
 TRY THEM

**What Does It Mean?**  
 Eight months ago yesterday two bright young men entered our office. One decided to take a course with us, but the other went to another school. Three days ago the young man whom we instructed went into a position as bookkeeper in a bank. Today the other young man entered our school and started at the beginning of his course.  
**Aaker's Business College,**  
 Fargo, N. D.

**KINNEAR'S**  
 The Home of  
**Good Shoes**  
 60 Broadway, Fargo, N. D.

**THE PANTORIUM**  
 F. Rockwell, Prop.  
 Fashionable Cleaners. Clothing  
 cleaned, pressed and repaired. 621  
 N. P. Ave., Fargo, Phone 658.

**Ulsaker Bros.**  
**Printers**  
 We will be pleased to do your  
 printing and we believe we can  
 save you money.  
 At the place where the Spectrum  
 is printed.  
 207 Broadway, Fargo, N. D.



**Eggen Clo. Co.**  
**Kuppenheimer Fine**  
**Clothing**  
**CROSSETT SHOES**  
 Special Discounts to Students.  
 520 Front Street, Fargo, N. D.

**M. L. Lasson**  
 Tailor

**A. G. SPALDING & BROS.**  
 are the Largest Manufacturers in the  
 World of  
 Official Equipment for all Ath-  
 letic Sports and Pastimes.

The Spalding Trade Mark.  
 is known throughout the world as a  
 Guarantee of Quality.  
**A. G. SPALDING & BROS.**  
 39 6th Street South Minneapolis.

**Physicians and Surgeons.**  
**F. J. CAMPBELL, M. D.**  
 Practice limited to diseases of woman.  
 Genito-Urinary and Skin diseases. Office  
 hours: 10-12 and 3-5. Over McDonald  
 Drug Store, Front Str. Phone 729.  
 Front St. - Phone 729

**Drs SORKNESS & CARPENTER**  
**Physicians and Surgeons.**  
 Edwards Bldg., - Fargo, N. D.

**DR. E. E. BASYE**  
**Osteopath (Fargo Infirmary)**  
 101 Eighth Street South.  
 Phone 853 Fargo, N. D.

**James Waite Vidal, M. D.,**  
 Physician and Surgeon.  
 Edwards Block, Fargo, N. D.

**Drs. Darrow & Weible,**  
 Physicians and Surgeons  
 DeLendrecie Bldg., Fargo, N. D.

**DRS. SAND & TRONNES,** 10 Broad-  
 way, Fargo, N. D.

**DR. J. L. SAVAGE, Physician,**  
 606 1/2 Front Str., Fargo, N. D.

**OCCULISTS AND AURISTS.**  
**Dr. F. H. Bailey**  
**Dr. Kachelmacher, Norsk Læge**  
 Specialists  
 Eye, Ear, Nose & Throat. N. D.  
 Fargo, N. D.

J. H. Rindlaub, M. D. Elizabeth Rind-  
 laub, M. D. Martin P. Rindlaub M. D.  
**Drs. Rindlaub**  
 SPECIALISTS  
 Eye, Ear, Nose and Throat  
 deLendrecie Block, opposite N. P. depot.  
 Fargo, North Dakota

**Dr. J. W. Campbell**  
 Specialist, Eye, Ear, Nose, Throat.  
 Edwards Bldg. - - - Fargo, N. D.

**DENTISTS**  
**Albert Hallenberg, D. D. S.**  
 Dentist  
 Suite 1-2-3, Morris Block. Phones, Office,  
 123L; residence, 123K.

**Dr. F. E. Ball** **Dr. J. L. Graves**  
**Dr. John R. Cromb**  
 Dentists  
 Rooms 8-12, 1st National Bank Block.  
 Telephone 363-L

**Dr. E. McCarten**  
 Dentist  
 de Lendrecie Blk. - Phone 803L  
 Fargo, - - - - - N. D.

**DR. H. L. STARLING**  
 Dentist  
 Office: Room 5 De Lendrecie Blk.  
 Fargo, - - - - - N. D.

**Davenport & Christianson.**  
 Dentists  
 Over Northern Trust Co. Phone 667  
 62 Broadway. - - - Fargo, N. D.

**Dr. J. E. Frenette,**  
 Dentist.  
 Offices 12 and 13 Huntington Block  
 102 Broadway. Fargo, N. D.

**Dr. Frank W. Chandler,**  
 Dentist  
 No. 5 Broadway. Fargo, N. D.

**DR. H. C. GREEN, Dentist, No. 10**  
 Broadway, Fargo, N. D.  
**DR. F. A. BRICKER 61 Broadway**  
 Fargo, N. D.  
**DR. W. E. HELLER, Commercial**  
 Bank Block, 604 Front Street.

**LAWYERS**  
**Stambough & Fowler**  
 Attorneys at Law  
 16 Broadway, - - - Fargo, N. D.

**S. G. ROBERTS**  
 Attorney at Law  
 Henderson Blk., Fargo, N. D.

**M. A. Hildreth**  
 Lawyer  
 Loan Savings Blk. - - Fargo, N. D.

**TAYLOR CRUM, No. 2 N. P. Building**  
 Fargo, N. D.

**TURNER & LEWIS, Fargo, N. D.**  
**ROBT. M. POLLOCK, Stern Bldg.**  
 Fargo, N. D.

**ARROW**  
**COLLAR**  
 15c, 2 for 25c. Cluett, Peabody & Co., Makers  
 ARROW CUFFS 25 cents a pair



### THE WEEKLY SPECTRUM

Published every Tuesday of the school year by the students of the North Dakota Agricultural College, at Ulsaker Bros., 207 Broadway, Fargo, N. D.

J. Allen Clark, ..... Publisher

Entered as second class matter September 28, 1907, at the post-office at Agricultural College, N. D., under Act of Congress of March 3, 1879.

Subscribers are requested to give prompt notice of any non-delivery or delay of papers. All communications should be addressed to *Business Manager* "The Weekly Spectrum," Agricultural College, N. Dak.

#### TERMS.

One year in advance .....\$1.00  
One year in arrears ..... 1.25  
Single copies ..... 05

#### Editorial Staff.

LeRoy D. Gifford ..... Editor  
Harold M. Dodge ..... Associate Editor  
Earle B. Hunt ..... Associate Editor  
J. Allen Clark ..... Business Mgr.  
Jessie Thompson ..... Society Editor  
Robert Miller ..... Athletic Editor  
Alfred Anderson ..... Chief Reporter  
John T. Dinwoodie ..... Reporter  
Inez Herron ..... Reporter  
Roger Amidon ..... Reporter

Beginning with the last issue each number of the Spectrum will be critically studied by the Freshman English class, under the direction of their instructor Miss Simmons. If properly conducted this study will be of great value and well worth continuing. By this system every student who has studied college English will have a knowledge of the paper which will enable him to more fully appreciate it, and, if occasion offers, to fill a position on the staff efficiently.

The work in the class room, however, is not enough to give the student the information necessary for the best results. In this as in most other studies, theory must be combined with practice if a thorough and lasting knowledge is to be obtained. To study the paper from a literary standpoint, without a good understanding of the office routine involved in getting out an issue, is insufficient, and the student is likely to quickly forget his theories if given no chance to apply them.

In this matter we are willing to cooperate with the English Department, fully realizing how desirable it is that as large a number as possible of the students should have a knowledge of how their college paper is gotten out. To this end we suggest that the Freshman English class take over the Spectrum for one issue. No better time could be offered than next week when we will gladly turn over the office to the class and give them any information they may desire as to our methods of conducting the work. As practically nothing can or need be done before Friday noon, the class will have ample time to organize, and as we will give them our list of advance assignments they will be able to start in on an equal footing with the regular staff.

Besides the valuable information the class would obtain it seems quite appropriate that such an issue should be gotten out. In nearly all institutions special edi-

tions of the college paper by various classes and organizations are a regular feature of the school year. The plan was tried here two years ago, when the Domestic Science department took charge of the Spectrum for one week. This attempt proved quite successful and there is no reason why future efforts should not be equally so.

The end of the term is now near at hand and it is time to begin preparation for the final exams. There are very few of the courses that give the student opportunity to make up for flunks save by special examination and the easiest way is to pass the regular one. Now that no promotion is made when the student is two credits in arrears of the class a flunk is far more serious than it has been in the past and is not to be looked upon as a joke. Begin reviewing now and you won't have to sit up nights for the last few days before the exams, in an effort to learn in a few hours what should have occupied a whole term.

As a result of some dissatisfaction among the students as to the prices charged at the book store, the accounts were carefully gone over by the Faculty committee Friday. The books were found entirely satisfactory, the margin of profit being far lower than that of any retail dealer. From this it is evident that whatever complaint has been made was entirely groundless.

#### EXTENSION LECTURES ARE NOW UNDER WAY

##### Profs. Beckwith, Doneghue and Willard Gives Opening Numbers

Prof. Randlett who was recently appointed head of the Extension department has made arrangements for a course of extension lectures by fifteen of our professors. There are eight routes so that these lectures will be evenly distributed thruout the state. The course consists of five lectures in each place, by five of our prominent professors.

The first of these lectures were given last week at Hankinson and Fairmount by Prof. Beckwith on the subject of "Health". During the coming week Prof. Doneghue will lecture at these same places on "The Problem of Soil Nitrogen", and Prof. Beckwith will lecture at Jamestown, while Prof. Willard will speak at Crystal on the subject of "Landscape Geology".

The other Routes have not as yet been opened, but will be in the near future.

##### "Conservation of Wild Life."

Colonel G. O. Shields, president of the Sportsman's League, editor of Shields' Magazine (which may be found in the library), will speak at the Grand Sunday evening on "Conservation of Wild Life." Mr. Shields is the secretary of the National Game Protective Association of America

# The North Dakota Agricultural College

FOR COMPLETENESS OF EQUIPMENT AND FACILITIES FOR INSTRUCTION IS UNSUR-  
: : PASSED IN THE NORTHWEST : :

## The College Department offers Nine full Courses viz:

AGRICULTURE  
BIOLOGY  
DOMESTIC SCIENCE  
EDUCATION

CIVIL ENGINEERING  
MECHANICAL ENGINEERING  
GENERAL SCIENCE  
PHARMACEUTICAL CHEMISTRY  
VETERINARY SCIENCE

These courses are available to those who have completed the equivalent of a good High School Training.

For those who have not had such a training

THE AGRICULTURAL AND MANUAL TRAINING HIGH SCHOOL offers complete secondary courses in:—

AGRICULTURE  
COMMERCE  
DOMESTIC SCIENCE

ENGINEERING AND MANUAL TRAINING  
GENERAL SCIENCE  
RURAL TEACHERS' TRAINING

These courses all fit fully for college entrance

### Special Courses:

PHARMACY  
DOMESTIC SCIENCE

COMMERCE  
FARM HUSBANDRY  
POWER MACHINERY

A Complete Commercial Training Is Offered To All Students.

## THIS COLLEGE

OFFERS to the young people of this state an education which is thoroughly in line with modern thought and demands. It spends no time on dead languages or such subjects as are of little practical value. It aims to fit young men and young women for responsible positions in life. The demand of the present is for men and women who can think and investigate for themselves; who can deal with the social, agricultural and industrial problems of the day. This demand the Agricultural College is attempting to supply.

THE LABORATORIES AND SHOPS ARE THOROUGHLY EQUIPPED

THE INSTRUCTORS ARE SPECIALISTS IN THEIR RESPECTIVE LINES

EXCEPTIONAL ADVANTAGES ARE OFFERED IN BIOLOGY, CHEMISTRY, DOMESTIC SCIENCE, LITERATURE, MATHEMATICS, ENGINEERING AND VETERINARY SCIENCE.

Graduates from approved High Schools are admitted to the Freshman classes of all courses. Credit is allowed in the Agricultural and Manual Training High Schools for all work done in the secondary schools.

TUITION FREE—Board and Room, \$3.75 to \$5.00 per Week.

For Catalogs and Circulars Address the Registrar

AGRICULTURAL COLLEGE

NORTH DAKOTA

and his lecture will be of special interest along several lines, such as the preservation of forests, the value of insect-eating birds and millinery traffic in bird plumage. Mr. Shields gave a very interesting and instructive lecture in the Y. M. C. A. course, Dec. 6, on "Our Birds and Animals and Their Value to the Country."

#### Aggies Do Practical Work.

The class in Farm Management is doing some practical work in their line. Each member of the class selects a certain farm on which he lays out a farmyard, draws plans for the buildings which are to be cheap as well as convenient. A system of rotation of crops on every part of the farm is developed. Accurate accounts are kept to show the cost and profit of different crops.

All in all it is a line of pretice of immense value to one who expects to do scientific farming.

Just remember Father and Mother with a present of one of those Artistic Platinotypes Made by Swen Studio, 112 Broadway.

## The O. J. deLendrecie Co.

Did You See the Latest?

### The Co-Ed Dress

The new athletic Dress-Mode Suit. Your College colors and initials. We invite inspection and a visit to our large ready-to-wear for young women.

**DAKOTA BUSINESS COLLEGE**  
A modern school. 600 pupils, 400 positions filled last year.  
Full course in Actual Business, Bookkeeping, Penmanship, Short-hand, Banking.  
Pupils may enter any day. Personal instruction. For further information address F. L. WATKINS, Fargo, N. Dak.

Dr. Abbott will soon make a report of his recent work in the analysis of white leads, so called. The leads investigated are brands commonly sold on the market and some interesting results were obtained. Most of the samples were considerably adulterated, while several contained no white lead at all.

Nothing nicer for a Christmas present than a photograph, the good ones like those made by Swem.

The Bijou Candy Mart has recently put in a fine line of candy in boxes which should especially appeal to A. C. students as the boxes are in the college colors. The display is very attractive and well worth inspecting.

## WE'RE HERE

With the snappiest and most up-to-date line of clothing in Fargo. Also a complete line of furnishing goods and shoes. We are agents for Pioneer Factory Hats.

### THE HUB CLOTHING COMPANY,

508 Front Street,

Fargo, N. D.



# YOU'LL find when you come to look up the question of your new suits for fall and winter wear, that Hart Schaffner & Marx

have produced for us a very special line of unusually beautiful clothes. You will find no other such clothes in the market as we are able to show you; you may do all the looking around that you like; if you want the best your money can buy you must come to us; and you'll come in the end. As soon as you're ready we want to show you some of the beautiful fancy weaves we have here in suits; and the fine blue serges; foreign and American cloths, rich in color and pattern.

Suits \$20 to \$35 Overcoats \$16.50 to \$35.

This Store is the Home of Hart Schaffner & Marx Clothes.

## J. F. Holmes & Co.

101-102 Broadway, Fargo, N. Dak.

COLLEGE DIRECTORY	
STUDENT ORGANIZATION.	
Harold McKinstry	President
Ruby Gibbens	Secretary
ORATORICAL ASSOCIATION	
Leo P. Nemzek	President
Agnes Halland	Secretary
WESTERN LEAGUE OF ORATORY.	
Theo. Torgerson, U. N. D.	President
John D. Nordness, Wahpeton	V. Pres.
Fred R. Smith, Yankton, S. D.	Sec. & Treas.
ATHENIAN LITERARY SOCIETY.	
P. J. Olson	President
Addie Stafford	Secretary
PHILOMATHIAN LITERARY SOCIETY.	
Hellen Hoover	President
Will Stapleton	Secretary
HESPERIAN LITERARY SOCIETY	
Oscar Knudson	President
Donald Brinton	Secretary
Y. W. C. A.	
Jessie Thompson	President
Gertrude Gibbens	Secretary
Y. M. C. A.	
H. C. McKinstry	President
Amos Ewin	Secretary
AGRICULTURAL CLUB.	
Wm. Maxwell	President
T. O. Brandenburg	Secretary
ATHLETIC ASSOCIATION.	
Leo P. Nemzek	President
Arthur Murphy	Secretary
GIRLS' ATHLETIC ASSOCIATION.	
Ella Heidner	President
Bessie McKee	Secretary
TENNIS ASSOCIATION.	
W. A. Yoder	President
A. H. Parrott	Secretary
ALPHA MU.	
C. Leslie Wheeler	President
Henry Reddy	Secretary
DELTA PHI BETA.	
Isabelle Rose	President
Elsie Pelissier	Secretary
A. C. P. C.	
Roy Ward	President
E. J. Miller	Secretary
N. D. A. C. L. E.	
Paul Funderhide	President
Leo Thien	Secretary
TEACHER'S CLUB.	
Lucy Carlin	President
Clara Guinness	Secretary
POLYTECHNIC SOCIETY.	
C. B. Waldron	President
Roe. E. Remington	Secretary
ALPHA ZETA.	
P. J. Olson	Chancellor
R. S. Towle	Scribe
CASTALIAN LITERARY SOCIETY.	
Emma Welo	President
Ethel Walker	Secretary

### Y. W. C. A.

On last Wednesday evening the association convened for their regular devotional meeting in the parlors of the dormitory. A majority of the members were present to listen to the reports given by the delegates who attended the summer conference, which took place at Lake Geneva, Wisconsin, last August.

The next meeting, which will occur on next Wednesday evening, will be led by Miss Grace Shelton on the subject of "Idol Worship."

### CASTALIANS.

The Castalian Literary Society met for their regular fortnightly meeting on last Friday evening Dec. 3 and the following program was rendered:

Roll Call	Quotations
Music	Susie Lettner
Declamation	Elizabeth Heidner
Humorous Reading	.....
.....	Annie O'Keefe
Vocal Solo	Elizabeth Riemer
Original Story	Mamie Dodd
Declamation	Lillie Madison
Talk—"A Womans Part in the World"	Miss Fowler
Music	Susie Lettner

tions and she finally has to take him home.

### Keeping House.

Katherine Grest...Lizzie Merriam  
A haughty, overbearing girl who wears large rings and a coral necklace.

Grace Briscoe...Bessie Belmont  
A polite but ambitious girl who wants to lead others.

Fern Dynes...Lucy Dawson  
A quiet girl who loves the truth.

Mary Thompson...Mary Dawson  
A sick little girl who always lies on the sofa.

Ruby Gibbens...Polly Dawson  
A little girl full of mischief who carries a case knife.

Situation: Bessie, a cousin, and Lizzie, a neighbor, come to play with the Dawson children. Mary has fallen down stairs and injured her leg so she has to have a splint on it, and she is confined to her room. All the girls go there to play. They pretend to keep house until Lizzie, provoked because Lucy says she ate the cake, flies into a passion and rushes home.

### The Stupid Lover.

Lucy Cockburn...Margaret  
A plainly dressed young lady.  
Ben Barrett...Donald  
A well dressed young gentleman.

Situation: Constance, with whom Donald is desperately in love, has just left the room in a bad humor. Margaret is trying to tell Donald that Constance as deeply returns his affections, but Donald is stupid to the end.

### Mrs. Harcastle's Journey.

Chester Holkesvig...Hastings  
A well dressed, polite young man from the city.

Edwin Traynor...Tony  
A big, awkward youth from the country, rough and coarsely dressed.

Cal Hennis...Mr. Harcastle  
A hearty outspoken farmer, vigorous in mind and body.

Jessie Thompson...Mrs. Harcastle  
A nervous, excitable woman in

## Have You Thought of an ELECTRIC CHAFING DISH FOR MIDNIGHT LUNCHES

—If a co-ed, how about an Electric Curling Iron or Flat Iron?  
Curling Iron Heater ..... \$2.00  
Chafing Dish ..... \$9.00  
Flat Iron ..... \$4.00 and \$4.50  
A very new Iron.

UNION LIGHT, HEAT & POWER COMPANY.

## ALEX STERN & COMPANY,

Edwards Building, Corner Broadway and N. P. Ave.

Headquarters for

FINE MEN'S CLOTHING and BOYS' WEARING APPEAL.

Agents for

College and Society Clothing, W. L. Douglass, Burt N Packard Florsheim Shoes.

We carry the largest line of

Fur and Fur Lined Overcoats in the Northwest.

### Athenians Give

### Unique Program

Four Short Plays Take Place of Usual Literary Numbers.

### BEST PROGRAM OF YEAR

Actors All Did Very Well and Everyone Voted Program a Grand Success.

The following unique program was given at the Athenian meeting Friday evening, four short playlets taking the place of the usual literary numbers:  
Instrumental Duet, Misses Evans and Peterson.

### Tired of Church.

Cecelia Eylofson...Mrs. Harmon  
A rather young woman dressed for church.

Ole Nerael...Willie Harmon  
Her small son in his best clothes.

Situation Mrs. Harmon has taken her young son to church after a strong injunction not to talk while he is there. He cannot resist the temptation to ask ques-

# AGENTS WANTED

For New National Policy.

### Specialities

#### ACCIDENT INSURANCE

Total disability.  
Partial disability.

Specific Losses { Sight  
Limbs.  
Life.

Limit of time covered, 104 weeks  
Double indemnities from travel.  
Beneficiary insured.

#### HEALTH INSURANCE

Total disability  
Non-confining illness.  
Convalescence.

Limit of time covered, 26 weeks.  
Chronic diseases covered.  
First week covered.  
No medical examination required

20% Discount if Paid Annually or Quarterly

### VALUES

Pays for every day of disability from sickness or injury—no deductions.

Red tape omitted in adjustments.  
Fifty per cent accumulations.

Every accident or injury covered.  
Ten per cent additional benefits for payment of annual premium.  
All sickness or disease covered—no exceptions.

Policy non-forfeitable.

Accident indemnities in effect from date of issue.

Sickness sixty days from such date.

All the protection money can buy  
Costing only \$1.50 per month.

Students can make good money with this proposition.

## National Casualty Company, DETROIT, MICHIGAN.

THE HATCHER BROS. CORPORATION, State Agents, FARGO, N. D.



What does a man profit if he gains the whole world and his pants bag in the knee?

We Press Clothes and we make 'Em.

Our "Fall and Winter" Stock is complete and ready for Your inspection. We never charge for a look. And may be You need some Furnishings. A Hat, a Cap, or a pair of Gloves, or anything in that line. Our store is in No. 7 Broadway. Come in and look the place over, we want to get acquainted. . . .

Most Respectfully

C. J. Feller,

Fargo, - - - N. Dak.

BERGSTROM & CROWE FURNITURE CO.

COMPLETE HOUSE FURNISHERS

Furniture, Stoves, Ranges, Carpets, Rugs, Draperies and Tineware.

"YOUR CREDIT IS GOOD"

121-123 Broadway,

Fargo, N. D.

### Dean Shepperd Returns From Chicago Stock Show

He Reports The International Live Stock Show as Being Very Successful.

#### JUDGING STANDARD RAISED

Since Dean Shepperd Has Had Charge Of Student Judging Standard Has Been Steadily Rising.

Dean Shepperd is back from Chicago and reports the International Live Stock Show a great success. Exhibits were larger and the quality better than ever before. As an illustration there were twenty mature percheron stallions in one ring and all of the very best quality.

The college exhibits especially were very good, winning more than their share of the prizes. For a long time colleges had little to exhibit at these shows. They had little money and were otherwise poorly equipped for this line of work. Little by little they bred up and raised some excellent stock, and then some schools asked to be allowed to compete against individual owners for prizes and honors.

So successful have they been that six of the last seven years they have received the prize for the grand championship steer. The Indiana, Nebraska, Iowa and Minnesota schools of Agriculture

are institutions who have received this prize in the past. This year Kansas Agricultural won the prize. A judge from across the Atlantic decided this prize so there can be no question as to its fairness.

Wisconsin never shows many cattle, but it is not an uncommon thing for them to win all the best places in sheep. As to the best placings on hogs, the competition for prizes is almost entirely between Colleges, individual breeders having fallen behind in the race. This shows that the institutions are doing splendid work, and it shows what can be done by scientific feeding and fitting animals for exhibition.

The International has a new feature this year, the horse show for carriage horses, drivers and other light horses. This is of special interest to the fashionable set of the larger cities. Here the competition is very keen. The horse show is held the last week of the International Show.

The first week is given over to all kinds of fat stock and heavy horses. Every day has two performances. The first part of the day the program consists of judging and other things of interest to breeders and stockmen while the evening program is of such a nature as to be interesting to anybody who likes fine animals and display of skill. There were parades of all kinds, Scotch Cattle accompanied by Scotch bagpipers, fancy drills by some of the best riders in the country, etc.

Other special features were some splendid driving of six horse teams from some of the large packing houses and contests between combination horses, in a walk trot and canter.

Mr. Oglevie, who had charge of the horse judging department paid a splendid compliment to Prof. Richards, by again appointing him judge of horses. Prof. Richards is the only man who has judged one class for three years in succession at the International. The students judging contest was a special feature in charge of Prof. Shepperd, who has now had charge of this work for four years.

In the former years this contest was the cause of much dissatisfaction. The colleges had charge of them in the first place but there were charges of partiality and unfairness, so the management took charge of affairs.

The man in charge of judging in a certain department had charge of the student when judging his class of animals while another man had charge in another class. In this way there was much chance for confusion. Besides these men, however good judges they might be, were not versed in this particular class of work. They did not know how to conduct a successful students contest.

There was beginning to be quite a mixed up state of affairs when the management seeing the need of an experienced man selected Dean Shepperd to manage these contests. He immediately set to work on a plan where there would be absolutely no chance for anything but fair play.

At the beginning of a contest each student is given a number which is his only identification hence it would be hard for the judges to favor any one if they wished to.

The contestants are divided into four squads, one squad working on cattle, another on sheep, one on hogs and still another on horses, at the same time. That makes it possible for some one to work on every animal all the time. No squad has more than two men from one team so as to make it impossible for one very good man to help the less efficient members of his team, thus making individual work necessary.

The contestants are under more strict rules than a jury, being allowed to speak to no one except those in charge of the contest. They are not allowed to leave the room unless under guard. No coach is permitted to be nearer the judging ring than the spectators so as to make it out of the question for any coach to instruct his team while in the judging ring, even by a set of signals as it has been done in the past. Very noted animals are not used because some students might know them and feel confident in placing them at the head of the ring.

An idea of the amount of work involved may be had from the fact that Dean Shepperd had six clerks, three men to check score cards, three spotters to get the stock and fifteen attendants.

The teams and coaches representing the different institutions were perfectly satisfied this year having no criticism to offer. They said there was no possible show for any unfairness and that the winning team won strictly on their merits.

The following are the standings of the different Colleges.

#### In all Classes of Stock.

1st ..... Iowa  
2nd ..... Ontario

William Rosen

Clothing, Furnishings and Shoes

Best Clothing at lowest prices

10% to all Students

OPEN EVENINGS

No. 9 Broadway

Opposite Luger Furniture Store, Fargo, N. Dak.

3rd ..... Ohio  
4th ..... Kansas  
5th ..... Nebraska  
6th ..... Missouri  
7th ..... Texas

#### In Horses.

1st ..... Missouri  
2nd ..... Ohio  
3rd ..... Ontario  
4th ..... Iowa  
5th ..... Kansas  
6th ..... Nebraska  
7th ..... Texas

#### In Cattle.

1st ..... Iowa  
2nd ..... Ontario  
3rd ..... Kansas  
4th ..... Ohio  
5th ..... Texas  
6th ..... Nebraska  
7th ..... Missouri

#### In Sheep.

1st ..... Ohio  
2nd ..... Ontario  
3rd ..... Kansas  
4th ..... Missouri  
5th ..... Nebraska and Iowa tied.  
6th ..... Texas

#### In Hogs.

1st ..... Iowa  
2nd ..... Nebraska  
3rd ..... Ontario  
4th ..... Missouri  
5th ..... Kansas tied Ohio  
6th ..... Texas

L. S. Mowels of Ohio won first place for individual judging. O. C. White of Ontario won second.

The students as a whole showed more skill than ever before. A man with a percentage high enough to win in former years would have been one of the losers this year the average efficiency being so far advanced.

#### 1910 Football Schedule.

The football schedule is now completed for next year and is as follows:

Oct. 8.—Valley City plays here.  
Oct. 15.—Wahpeton at Wahpeton.  
Oct. 23.—Brookings plays here.  
Oct. 30.—Hamline or St. Thomas in Minneapolis.  
Nov. 6.—Fargo College plays here.  
Nov. 13.—University plays here.

#### INTERIOR LUMBER CO.

Lumber, Wood, Coal.

Phone 93. Fargo, N. D.

#### JOHN WANDMAKER

The Barber

Where you get the best hair-cut in the city.  
Fargo, N. D.

Why Buy a Hand Me Down?

#### The Royal Tailors

will make you a pure all wool suit or overcoat for \$16.50 to \$20.00.  
J. B. ASHELMAN, Agent.  
518 N. P. Ave. Phone 815  
FARGO N. DAK.

Get In Line

Have your tailoring done at THE FARGO TAILORING CO. Suits made to order. Cleaning and Pressing done on short notice. 107 Broadway, FARGO, N. D.

Cut Flowers

For all Occasions Send "HER" one of our "DOLLAR BOXES,"—then watch results. FARGO FLORAL CO T. D. Smedley, Mgr.

A. C. Bergerson TAILOR

Cleaning and Pressing Students are satisfied when they have their work done here. 409½ N. P. Ave FARGO, N. D.

WE ARE THE LARGEST MANUFACTURERS OF

Veterinary Instruments In the United States



Our 250 page Illustrated Veterinary Instrument Catalogue Mailed Free Upon Request.

SHARP & SMITH

Manufacturers and Importers of High Grade Surgical and Veterinary Instruments and Hospital Supplies 92 Wabash Ave. 2 doors north of Washington street. Chicago, Ill.

100,000

Human Horse Collars

are in use for sore necks and shoulders. All sold on 15 days trial. Extensively used by U. S. Government. In use on the A. C. Farm at Fargo. See it and write for Booklet.

BRISTOL & SWEET HARNESS COMPANY

FARGO N. D.

KEY CITY

Laundry

The Students' Favorite Laundry Flynn has the Agency.

631 N. P. Ave. Phone 21  
Fargo, N. D.

Monson's TRUNKS

are handsome in design, highest quality in material and workmanship; the finest possible finish. The prices are right, and don't forget they are made in North Dakota

MONSON TRUNK & BOX CO.  
618 Front St., FARGO, N. D.

Furs! ——— Furs!

OLIVER DENIS

Successor to Denis Bros.

Insaving in Store Rent, I can sell at smaller profit, that is why I am located in my new block.

417 N. P. Ave., FARGO, N. D.  
Special Price to Students.

THE MODEL TAILOR SHOP

French Dry Cleaning, Pressing, and Repairing. Special attention given to Students' garments.

A. D. Coates, Manager.  
63 Broadway, Fargo, N. D.

Students Attention!

Second hand and Rebuilt Typewriters cheap. Get our prices. (Students' Rental Machines \$2.50 per month, \$7.00 for 3 months.)

SMITH PREMIER CO.  
610 2nd Ave. N., Fargo, N. D.



**THE NORTHERN TRUST COMPANY**  
(A SAVINGS BANK)  
Capital and Surplus \$150,000.00  
5% interest Paid on Savings Deposits  
52 Broadway FARGO, N. D.

**Wheelock & Wheelock**  
**LANDS, INSURANCE, LOANS.**  
Waldorf Block, FARGO, N. D.

**FARGO NATIONAL BANK**  
Fargo, N. Dak.  
**UNITED STATES DEPOSITORY**  
Martin Hector, Pres. O. J. deLendrecie, V. Pres. G. E. Nichols, Cashier.

**MERCHANTS' NATIONAL BANK OF FARGO**  
Resources Over a Million. United States Depository  
Safety Deposit Boxes for Rent. Interest Paid on Time Deposits  
N. A. Lewis, President H. W. Geary, Vice Pres.  
O. G. Barnes, Vice Pres. S. S. Lyon, Cashier.

M. A. Baldwin, Pres. W. C. Macfaaden, Cashier.  
F. C. Gardner, Vice President.  
**COMMERCIAL BANK OF FARGO**  
General Banking Business Farm Loans a Specialty.  
Students will be shown every possible courtesy.

**THE FIRST NATIONAL BANK**  
of Fargo  
is glad to handle small as well as large accounts.

**"THE SAVINGS and LOAN"**  
No. 11 Broadway.  
**We Pay 5 Per Cent**  
Our Assets Are \$1,250,000.00 UPON SAVINGS DEPOSITS

**Knight Printing Company,**  
PRINTERS, BINDERS, LAW BLANK PUBLISHERS  
Fargo, North Dakota.

**KODAKS**  
Everything known in Kodaks and Supplies call or write us for Catalogue.  
E. P. SUNDBERG and CO.  
Gold and Silversmiths—Mfg. Opticians.  
Fargo, N. Dak.

**WALKER BROS. & HARDY**  
Printing of Every Description.  
**The Only Lithograph Plant in the State**  
Walker Block, 1st Ave. N., Fargo, N. D.

Ranges and Heaters.	<b>Hubert Harrington</b>	Full Line of
Builders' Supplies.		Cutlery and Tinware.
<b>HARDWARE</b>		
21 BROADWAY FARGO, N. D.		

**Good Thing to Eat.**  
Buy your table delicacies at headquarters.  
**Ellefsons Cash Grocery Company**  
Fargo, 2 Phones—497—498 N. Dak.

**THE MINT RESTAURANT**  
THE BEST EATING HOUSE IN THE CITY  
120 Broadway, Fargo, N. D.

**PERSONAL**  
Pres. Worst visited the Home Economics Department, Friday.

Prof. Beckwith is to lecture in the Extension series at James town next Friday evening.  
Miss Katherine Hathaway spent Friday at the dormitory as Mrs. Marshall's guest.

Did you ever notice that the classes get out a few minutes before twelve on pay-day?  
Adolph had the misfortune to puncture his foot with a rusty nail and has been hopping around on one foot for several days.

Prof. Bolley is busy upon the Annual Report of the Biological Department.  
The desks from Room 9 have been removed to the old chapel and the regular class room seats have been placed in 9.

Prof. Waldron and Mr. Hannon made a trip across the river, to the Probsfield farm, where they secured nearly four bushels of black walnuts which will be planted in the College gardens.

The St. Paul Farmer contained in a recent edition, a cut of the champion pen of wethers exhibited by the N. D. A. C. at the South St. Paul Fat Stock Show.

Mr. Geo. Richardson, traveling salesman for Fairbank Morse Co. was a visitor at the mechanical department of the College last Saturday.

Dr. Bell received a number of embryos from Washington, D. C., which are to be mounted by the freshman embryology class.  
The classes in mathematics are growing so rapidly that it becomes necessary to divide them and organize new sections this week.


The seed laboratory is kept busy testing the consignments of seeds that are sent here for testing by various seed houses in the state.  
There has been installed in the greenhouse an experiment of fertilizers in relation to plant diseases.

The A. C. P. C. program was postponed until next Friday.  
Miss Porter entertained her sister at dinner Thursday at the dormitory.

The girls in Sewing are making some half-sized garments which will be used in the extension work this winter. They will illustrate the work done in the Sewing Department of the College.

Prof. Beckwith opened the series of Extension lectures that the A. C. is offering to certain high schools of the state by appearing at Hankinson and Fairmount on Thursday and Friday evenings last week. His subject was, "Health: or Personal and Public Sanitation."

Prof. Waldron is contemplating a trip to Minneapolis to attend the annual meeting of the Minnesota State Horticultural Society, which will be held upon the 8th, 9th and 10th of this month. This is a meeting which will be attended by all the fruit growers and gardeners of the state. Prof. Waldron will take along with him several varieties of trees, such as hackberry, black walnut and ash, to exhibit. The object of this is to show trees which have developed by rapid growth. Professor

**JEWELRY**  
  
This store today stands rich and resplendent in its assemblage of precious Gems Jewelry and art Novelties. The pride we take in our collection is well justified by the merit of the goods composing it. The most exclusive jewelry impation suitable for all occasions will be found in our store.  
**M. A. HAGEN,**  
Jeweler.  
No. 8 Broadway, Fargo, N. D.

Waldron intends to secure speakers, for the purpose of speaking on Horticultural Day, at the Grain Growers convention this winter.

Mr. Lough made some interesting tests of the mortar being used in the construction of Ceres Hall last week.

The business men of Berthold gave a free dinner on Farmers Institute Day at that place, Nov. 30, of which 640 people partook.

The windows are now being put in Ceres Hall at a rapid rate and the building will soon be completely enclosed.

The beverage department has just completed a very exhaustive investigations of whiskies and brandies. Between two and three hundred samples were analyzed.

The class in Inorganic Chemistry started on qualitative analysis last Thursday. Thus far the work has all been in the lecture room but actual analysis in the laboratory will begin this week.

Mr. Halland, a former member of the College faculty, was on the campus Saturday forenoon

The machine shops in the Mechanical Building are now kept locked from both sides, so that access to the Engineering Building from the Mechanical can only be had by way of the second floor.

Cal Hennis was showing some of his friends around the college Saturday morning.

Miss T.: "Oh! Mr. Ruzicka, have you a hairpin you could lend me?"

Among the recent additions to the technical literature of the institution are: The History of Track Elevation in Chicago, Report of the Pennsylvania Board of Health and a pamphlet on the Ismian Canal by H. H. Rousseau, Civil Engineer of the U. S. Navy.

Prof. Slocum recently received a request for a bulletin on cement and concrete issued by the college; from a resident of Calgary, Canada. The writer stated that he considered the pamphlet excellent authority on the subject.

Prof. J. H. Sheppard, Dean of the Agricultural Department, left today for Omaha where he will attend a meeting of the American Breeders Association. The Association is divided into more than a score of committees whose duty is to investigate during the year a given subject paying special attention to the laws of heredity. Prof. Sheppard is to give the report of the Committee "On the Breeding of Barley".

The class in grafting will be busy in the near future working upon 1,000 young apple trees, which Professor Waldron has secured for practical work for the class.

Miss Fowler gave an interesting talk on the subject, "Woman's Place" at the Castalian Literary Society last Friday evening.

The delayed Agricultural and Geological Survey is now on the press. It will be a book of 250 pages.

Dinner will be served this afternoon to six members of the faculty by Misses Halland and Herron.

Rex Willard was busy last week placing on file a large accumulation of bulletins and publications of various kinds, soil reports, etc. This will greatly ease the task of securing information from these publications.

During the last week one of our promising young Vets has been conducting a thorough search endeavoring to ascertain if the skull is or is not a part of the spinal column. He has finally decided that it is and may therefore be called a vertebra, or a collection of vertebra. It would not be a serious thing, in his estimation, to be without a head. It is possible that some our aspiring anatomists may leave it out of their anatomies altogether.

S. V. Anderson was seen at the opera, Max Figman, Friday evening.

Mr. Critchfield has charge of Prof. Richards' class in Care and Management of Live Stock, during his absence. The class is at work on the subject of pedigrees and registration.

Dr. James, the recently appointed interstate inspector, was a visitor at the veterinary department this week. Dr. James will be remembered by many of the old students, having taken post graduate work here a few years ago. He has been assistant for State Inspector Tracy at Bismarek and is considered an authority on infectious and transmissible diseases.

John Thysel, '08, stopped over in Fargo last week on his way to Washington from the Dickinson sub-station, where he is located. He greeted old friends at the College Wednesday.

Prof. Remington was visited by his brother, Mr. Hugh Remington, last Saturday. Mr. Remington stopped off here on his way to the Pacific coast.

**Custom Tailored Suits to fit for**  
**\$20 to \$35**  
**COLEMANS TOGGERY SHOP,**  
610 1 Ave. N. Fargo, N. Dak.



**Harry G. Carpenter**  
**INSURANCE**  
*Fire, Accident, Tornado,  
 Sickness, Life.*  
**Loans on dwellings at Lowest Rates.**  
 14-5 Huntington Blk.  
 Phone 781 FARGO, N. D.

**We Photograph**  
 Anything, Anywhere, Any time.  
 Equipped with the best instruments obtainable and representing talent acquired by natural acquisitiveness and 20 years of steady experience. Our aim is to deliver "QUALITY PHOTOGRAPHS" of anything, and we can do it.

**DEWEY'S STUDIO.**  
 Edwards Bldg. FARGO, N. D.

**DIAMONDS**  
 We can save you money on them.  
**N. C. Anderson,**  
 Jeweler.  
 66 Broadway, Fargo, N. D.

**Ideal Theatre**  
**MOVING PICTURES AND ILLUSTRATED SONGS**  
 Every evening excepting Sundays 7:30, 8:30 and 9:30 Saturday Matinee.  
 Change of pictures Mondays and Thursdays.

—Ask For—  
**Chancy Everhart Co.**  
**CANDIES**  
 The Pure, Good Kind.  
**W. H. FLYNN**  
**A. C. GROCER**  
 —CONFECTIONARY—

**ATHLETIC and SPORTING GOODS**  
 General Hardware & Tools  
  
 57 Broadway, 'Phone 1530

**J. E. Johnson**  
**CYCLE SUPPLY HOUSE**  
 Sporting Goods, Kodaks, Supplies.  
 Edison Phonographs and Records.  
 Repairing of all kind.  
 216 Broadway, Fargo, N. D.

**E. J. BERG,**  
 Importing Tailor.  
 515 2nd Ave. N., Fargo, N. D.

**M. F. HOLDERMAN**  
 At The Grand.  
 Confectionary and Cigars.  
 Fargo, N. Dak.

Besides having charge of the state and college exhibits at the National Corn Show, Professors Churchill and Randlett will act as judges of small grain and corn respectively.

*Tuppenheimer's and Abt's Clothes* *Florsheim and Ralston Health Shoes*  
**THE GLOBE**  
**Clothiers and Furnishers**  
 64 Broadway, FARGO, N. D.  
*Stetson, Lampher and Croft & Knapp Hats.* *Munsing, Staley and Cooper Underwear*

**EACH** Piece of FURNITURE we sell is an advertisement for THE LUGER FURNITURE CO. Each home we furnish, is a recommendation, each customer a reference—and the older the customer, the louder his praise. Large purchasing power, advanced business methods and 31 years of furnishing homes gives us our standing in this community.  
 Are these not good reasons why you should select your fall home furnishings from us? Come in and get our prices—we can save you money.  
**LUGER FURNITURE CO.**  
*Largest House Furnishers and Piano Dealers in the Northwest*  
 12-14 Broadway, FARGO, N. D.

**SOLE LEATHER DIET FOR THE ALPH ALPHA DELTS.**  
**Club Beef Expert Loses Caste With Fellow Club Men.**

The club beef expert made a purchase last week and saved a hunk of some ancient bovine from the dump grounds. He lead the club members into believing that they were in for some choice roasts from the rump of the fatted calf but when the goods came in, on the platter, they discovered that they had set their teeth into the shank of the bull calf which gamboled on the green with Nebuchadnezzar in biblical times. There are no false teeth among us yet though the strenuous test of chewing equine hinges that squeaked before the discovery of America has a tendency toward dental deterioration.

The shin bone of Noah's off ox may have escaped the soup pot but the antiquated hock of Nebuchadnezzar's bovin chum was not so fortunate and made excellent soup though very little of the ossified tissue could be filed off.

We have had several slabs of porterhouse galvanized and engraved with the date of the most recent onslaught and the faint impression of the ivory armor of the attacking party. The bones will be presented to Dr. Bell who will try to trace, thru them, the evolution of the ox cart to the flying machine.

Note:—Dynes couldn't find the place in the Bible where Nebuchadnezzar had played penny ante with any Bull calf so some of the members who were more conversant with the Bible explained to him.—Club Reporter.

**AGRICULTURAL CLUB.**  
 The Agricultural Club met as usual Saturday evening. The literary session was dispensed with so that the members could attend the Y. M. — Y. W. C. A. basket social. A committee was appointed to arrange for the Agricultural Club dance generally held in the winter. Another committee was appointed to confer with Prof. Arvold on the subject of having a declamation contest for club members in addition to the essay contest.

Oliver Strand a former student was seen about the campus last week.

The Faculty meeting Friday was a quiet affair, no business of great moment coming up for consideration.

**SPOON VENDERS HOLD SESSION.**

Late Monday evening as we were going to press word was received that the latest in sororities had been in session. Headed by our two athletic twins the party congregated at a certain intangible point on the South side (Stapleton explained the exact location but it was mislaid by one of the reporters). The principle feature of the evening was the twilight period when some one turned off the lights and mislaid the button of the switch. Just what may have happened during the interval was in this way obscured, however many there were who wore sheepish looks. Early the following morning a delicious luncheon was served and shortly afterward the participants were wending their way homeward.

A dinner was prepared last Tuesday for six people by Mrs. Campbell and Miss Heidner, the cost of which was forty-two cents. The following menu was served by the Misses Hurd and Herron:  
 Baked Beans and Pork  
 Creamed Potatoes  
 Brown Bread and Butter  
 Lemon Pudding  
 Coffee

This shows some close estimating of prices and nutritive value of different foods on the part of the young ladies who prepared the dinner.

Last week Dean Sheppard received a call for an agricultural graduate with some practical experience to manage a 4,000-acre farm. There being no available man, as all of our graduates in agriculture already have good positions, Dean Sheppard could recommend no one. This among other inquiries for this class of men shows that there are great opportunities ahead for the men who take the work in agriculture.

Now is a good time to make up for some of those flunks. The material for the new catalog will soon go to the printers and any student having more than two full term subjects in arrears will not be promoted with his class. Look after your record, and see that it is complete. Do not wait until the catalog appears and then be surprised to find you had never removed your condition.

Cornell sophomores recently gave a vaudeville. It consisted of nine musical acts, including monologues, mandolin playing, and dancing. Twenty-five cents admission was charged, and the money went to defray expenses.—Ex.

**German Club.**  
 The German Club held its regular meeting Friday. "Riddles" was the topic of conversation, and some very interesting ones were given. The topic for next meeting will be "Fargo," and each member will be expected to tell some interesting facts in regard to Fargo or its history. The club will also practice German Christmas songs.

**Fall and Winter Clothing**  
 We are ready to show you the correct clothes for the fall and winter seasons. Every desirable fashion and fabric of the day is on display here.  
**Adler Collegian Suits and Overcoats.** All styles and grades are here in plentiful variety.  
**C. A. Swansen.**  
 Clothing, Furishings, Hats, Shoes.  
 514-516 Front Street, FARGO, N. D.

**Automobiles**  
**MODEL T. FORD TOURING CAR.** 4 Cylinder 24 H. P. \$850, F. O. B. Detroit. Send for catalogue or call on  
**The Frank Lynch Company**  
 Fargo and Casselton, N. D.

**Schools and Colleges**  
 will find it to their interest to correspond with us when in need of designs or printing plates of any kind. We do more college work than any other engraving house in the Northwest -

**Buckbee Mears Co.,**  
 Designers, Engravers, Electrotypers  
 St. Paul, Minn.

**UNEQUAL EYES**  
 Do you see equally well with both eyes?  
 If not, both may be defective—one certainly is. Have them properly examined.  
 We prescribe glasses only when absolutely necessary, and guarantee satisfaction. Consultation free.  
**D. D. SULLIVAN, Optical Specialist,**  
 612 Front Street, Fargo, N. Dak.

**Fellow Students**  
 Everything you need in the line of Books, Stationery and College Supplies, may be had right at the  
**COLLEGE BOOKSTORE,**  
 Darling Keeney & Olson, Props.

**Northwestern Mutual Investment Co.,** Fargo, N. D.  
 Issues 10-15 and 20 year accumulation Profit Sharing Certificate.  
 Systematic saving is the Key to Success.  
 \$6.13 saved monthly guarantees in 10 year \$1000 with additional Profits  
 \$3.47 saved monthly guarantees in 15 years \$1000 with additional Profits  
 \$2.20 saved monthly guarantees in 20 years \$1000 with additional Profits!

Meet Me at the  
**ICECREAM PARLORS**  
 of the  
**Waldorf Pharmacy**  
 Agent Johnston's Swiss Milk Chocolates  
 OSCAR HALLENBURG, Ph. G. THE REXALL STORE  
 708 Front Str., Fargo, N. D.

**THE PALM CANDY CO.**  
 112 BROADWAY.  
 Are now showing a swell line of  
**Xmas candy.**  
 "DON'T FAIL TO SEE THEM."  
 Phone 229 Fargo, N. Dak.