

# THE WEEKLY SPECTRUM

Official Publication of the Student Organization.

VOL. XVI.

Number 8.

NORTH DAKOTA AGRICULTURAL COLLEGE, TUESDAY Nov. 16th, 1909.

PRICE 5 CENTS.

## Engineers Are Now College Champions

Fast And Furious Game Results In Victory For Engineers Friday.

### STAR MEN ON BOTH TEAMS

Deik, Lembcke and Keeney Make Sensational Plays.

Friday afternoon at 4 o'clock the Engineers and Aggies lined up in Athletic park to determine the football championship of the College. Both teams worked hard and trained conscientiously for two days and were in the pink of condition when they entered the great contest.

Early in the afternoon the bleachers and grandstand began to fill with supporters of the two teams and before the game was called an immense throng had gathered to see the famous teams in action.

At three minutes to four the Aggies appeared on the field followed a few seconds later by the Engineers and after running a few signals they prepared to open the game. The Engineers won the toss and choose to defend the north goal and receive the kick. The teams lined up and when Captain Deik of the Aggies got thru giving his men their last instructions Referee Nemzek, who was also Umpire, Time Keeper and Head Linesman, sounded the whistle and the excitement began. Lembcke received the ball on the kick-off but failed to gain ground as the Aggie ends were on him before he could get started. The engineers succeeded in making 15 yards around left end on the first play and Registrar Parrott went wild with joy but the next two downs they were held and were forced to punt. Deik got the ball in the middle of the field and made 10 yards before being tackled. In the next 14 minutes the Aggies managed to pull off three plays but were held for downs and the ball went over. The Engineers then held a conflag and finally decided what play to use. They lined up in a complex formation and after several delayed passes, a fumble or two and other operations which were impossible to follow Lembcke broke away with the ball and started with a clear field ahead of him, for a touchdown. He is a wonderfully fast man and would have easily scored but just as he crossed the twenty yard line his hat fell off and while stooping to pick it up, he was tackled. However, the Engineers were in striking distance of the goal and Keeney, the star of the day, had no trouble in smashing the line for a touchdown. Keeney kicked goal and the score stood 6 to 0 in favor of the Engineers.

The Aggies, defending the north goal, received the kick-off and after a few scrimmages lost the ball on the 30 yard line. Keeney

(Continued on page 8).

## Judging Team Is Sent To St. Paul

A. C. Team Goes to Twin Cities To Compete in Second Judging Contest.

Prof. Richards has decided to enter a judging team in the judging contest at the Northwestern Live Stock Show. The team will be composed of five of the farm husbandry students, namely John Brander, Lancy Montgomery, Wm. Maxwell, Walter Peterson and W. B. Howe, Jr. These in charge of Prof. Richards will leave Sunday afternoon. They intend to stop over Monday to inspect the stables of McLaughlin Bros., St. Paul. This firm is the largest importer of Perchon horses in America. The team will also visit the stables of the other large commission firms as a means of coaching up for the horse judging part of the contest.

In the past our chief competitor has been the Minnesota team. Prof. Richards says that we can hardly hope to beat them but the experience our team will get will be worth the effort.

The College has sent down a live stock exhibit consisting of fat steers and sheep. In the past the college has derived considerable advertising from these exhibits for our stock has won many prizes at this show.

### A REAL BLOW OUT.

The Band Will Rip Off a Good Time Nov. 20th.

The underpinning will be blown from under all the good times you ever had and they will sink into oblivion, when you attend the dance to be given by the cadet band next Saturday evening. Here wafted on the tender strains of love melodies or rocked by the rhythm of martial music, you will pass worldly cares as the air-ship swishes by the ox-cart, and a new heaven of delight will unroll while the evening is young.

New music will tingle the anti-Methodism in your blood till your feet feel like the wings of a lark and the floor will glide under them as the gentle ripples on a moonlit lake toss the buoyant lilies.

But don't forget the date—Saturday evening, Nov. 20th.

Get tickets from Band boys, \$1.

### Prexy Visits Spokane.

Pres. Worst went to Spokane the first of last week as President of the Governing Board of the Dry Farming Congress to attend a meeting of that body. The Governing Board conferred with the Board of Control with regard to future activities of the congress and the program for the 1910 session was arraigned. A banquet and reception was given the board members on Wednesday. Pres. Worst is expected back today.

The second year German class is reading "Wilkommen in Deutschland." This work gives a very good description of the life and customs of the German people.

## Cupid Secures Another Victim

Evan Hall, One of Last Year's Seniors Soon To Wed.

It is reported on excellent authority that cupid has scored another triumph among the '09 graduates. Another agricultural man has "decided to lead a bachelor's life no longer," this time in the person of Evan W. Hall. In brief the information gathered up to date is as follows: Marriage to take place Dec. 9, 1909, at Vincennes, Indiana. E. W. Hall to Miss Aline Newcomb at her home. Mr. Hall will be remembered by the college students as one of the most popular members of last year's graduating class while Miss Newcomb is also quite well known about the college. Since his graduation Mr. Hall has been engaged in the Indian service at Elbowwoods, N. D., and will continue in that position after his marriage. The many friends of the young couple unite with the Spectrum in extending most hearty congratulations.

## Notice.

There will be a meeting of The Student Organization in Chapel this noon to consider the adoption of the proposed Student Council. This is an important matter and every member of the College and Senior Prep classes is urged to be present.

## Domestic Science Girls Serve Board Dinner

Members of Board Given a Four Course Dinner.

Covers Laid for Ten Last Tuesday In Francis Hall.

The members of the Board were highly entertained at a four course dinner by the Domestic Science Department on last Tuesday at Francis Hall. Covers were laid for ten and the tables were decorated beautifully with deep red carnations and sprays of green smilax.

The following menu was served by the Misses Herron and Pearson.

Fruit Soup	Wafers
Chicken Pie	Escalloped Corn
Baked Sweet Potatoes	
Mashed Potatoes	
Pickles	Jelly
Bread and Butter	
Asparagus Salad	Potato Chips
Orange Sherbert	
Chocolate Cake	
Coffee	Mints

Dr. Batt has received a number of catalogues of German firms dealing in optical slides. A number of slides will be selected and later on he will deliver several illustrated lectures upon German cities. Nurenburg, Rothenburg and others will be among the series.

## Foot Ball Season Closed On Friday

Interdepartment Game Marks End of Fall Athletics at A. C.

As the football game scheduled between the A. C. second team and Alexandria High School had to be called off on account of the snowstorm, the Interdepartment game Friday undoubtedly closed the football season for this year. The schedule for the fall was quite light consisting of only five games for the College team, and of this number one hardly deserves the name. As we look back over the results of the games played we are likely to think of the season as a very unsuccessful one. This is not altogether true however for in reality the seasons losses exceed the winnings by a very small margin. It happened that the games we lost were those played on the home field while all our victories were won in foreign territory. Thus to the casual observer it appears that the fall games brought us little but defeat.

The true state of affairs is this: We won from Brookings and Valley City, lost to Wahpeton and Fargo College and in the game with St. Thomas played a tie to all intents and purposes although the official who caused the disturbance declared the game forfeited. The total score for the season shows 39 points made by us against 40 made by opposing teams. These facts show that while the results of the fall games are by no means all we could wish we really have no cause to be discouraged and neither the coach nor the team have the least cause to reproach themselves. The large percentage of new men that we have always been obliged to break in for first team work each fall has always been the greatest weakness in our football teams. No matter how good an individual player a man may be, it is impossible in the space of a few weeks, to develop very effective team work with men who for the most part have never seen each other before. With our rapidly increasing attendance and the addition of the High School courses this difficulty bids fair to be overcome in the near future and the prospect is more hopeful than ever before.

So much for the first team. The High School team must not be forgotten in our consideration of fall athletics.

Owing to the unfavorable weather their schedule was limited to the single game which they played with the Alexandria High School. In this game they scored a decisive victory and showed great promise of material for the College team in the future.

Interdepartment football was also limited to the single game between the Aggies and Engineers. A greater consideration than it now receives and will undoubtedly become of more importance in

## Alph Alpha Deltas See Things At Club

Strange and Unaccountable Occurrences Take Place in Quarters of Boarding Club.

### SPOOKS ARE BLAMED

Stout Hearted Club Men Will Investigate Phenomena.

Unexplained things have been happenings in the house of the boarding club, known as the Alph Alpha Deltas, which until recently, each member laid up against some of the others. Investigation however has brought out facts which make the shivers chase the suspender buttons lose and the club members, all of whom are not Irish bristle at the faintest ethereal disturbance after dark.

The first spirit manifestations took place in the basement when on several different occasions the furnace was meddled with in such ways as propping up check drafts with small sticks. Becoming more familiar the shades of mystery have entered the front room through sliding doors that opened without sound while spirit voices sung lullabies to empty chairs that rocked in rhythm. One of the boys, entering a room suddenly beheld a chair tremble violently and turn half way round as when a person rises quickly. Only last Sunday a megaphone on the shelf turned suddenly bell up in broad daylight but, though visibly agitated gave out no sound probably because of the activity of those present.

The most pregnant night sounds are those of a crying infant and a mother hovering over it singing and talking in a voice which dies out in sobbing outbursts of anguish and leaves the waking students staring foolishly at each other.

The actions of the megaphone would seem to indicate that there is a medium in the club ranks and a careful study will be made which will no doubt bring interesting psychological returns.

### SOMETHING GOOD COMING

The Irving Dramatic Club will present an act on Friday, Nov. 19th, at the Ideal Theater, which together with the beautiful pictures to be shown will make an unusually interesting entertainment, in fact it will be a fifty cent show for a dime.

At present the enrollment is not large enough to warrant very great activity along that line as nearly all who care for athletics can find a place on one of the regular teams.

As to the prospects for the basket ball season which will next claim our attention, it is impossible to say much as yet but with the material now in sight it should be possible to get out fully as good if not better team than we had last year.

# Attend THE BAND HOP, Saturday, Nov. 20



**Mixed Paint Men****Come This Week**

Second Consignment of Committees Visit College Last Of Week.

There will be another inspection of the paint fences the last of the week. While the last inspection was made by the White Lead men, this coming inspection will be made by the Paint Manufacturers Association, this Association comprises the leading manufacturers of mixed paints.

The representatives of this association will be Pres. Gregg, Director of the Scientific Section, Perry and his assistant, Mr. Gardener. Representatives of all the leading paint concerns doing business in this state are also expected.

This paint work means a good deal to the public and, as all this work comes thru Dean Ladd to Dr. Abbott, we can be assured that it could be in no better hands.

**VETS RAKE CITY DUMP FOR BONES**

Powerful Smelling Specimens Are Collected By Budding Medics.

The Veterinary students are hard up for bones; so much so that they are at times forced to get them by rather underhanded ways. Such must have been the case when O. V. Gunning was seen stealthily make his way along toward the morgue, which before had only been visited by coyotes and dogs or an occasional party with a cadaver. However he must have been successful for a half hour later he was seen entering Francis Hall with a well filled sack of bovine bones. The Veterinary department has reason to be very grateful to Mr. Gunning for his efforts.

**DISTRIBUTION OF STUDENTS CHARTED**

Number Of A. C. Students From Each Town In State Is Shown.

Prof. Churchill has just finished a chart showing the number of students who come to the A. C. from different parts of the state. The chart is based on last year's attendance and shows the attendance from each town. In all there are over twelve hundred students listed and the finished chart brings out some very interesting facts with regard to their distribution. As a rule the attendance for the different parts of the state are very closely proportional to the density of the population. The northern counties of the state show the largest percentage of attendance. The chart will be used in institute work. New ones will be made from time to time as the enrollment increases.

One thousand and eighty freshmen have registered at Cornell this year.—Ex.

**New Chemical Lab.****Now Well Under Way**

Room For Over Sixty Students Made By Addition To Old Building.

The addition to the Chemical laboratory is now well started and the construction will be carried on as fast as possible to escape the cold weather. A brick wall is being erected to enclose the space between the wings of the present building and will extend up even with the wings. A glass roof will then be put on to insure good lighting. When completed the new Laboratory will accommodate about sixty students and will greatly relieve the congested state of affairs which now exists. The new laboratory will be used by the classes in Pharmaceutical Chemistry for the present but will eventually be turned over to organic analysis. As there will be only one floor the ceiling will be very high and the room will be especially fitted for organic and pharmaceutical work where there are large quantities of gas to be carried off.

A new man to take charge of Materia Medica and Therapeutics will be added to the Faculty the first of the year. The lucky applicant has not yet been decided upon.

**MONTHLY BOARD MEETING IS HELD WEDNESDAY**

Important Changes Made in Faculty Line up.

At the monthly meeting of the Board of Trustees last Wednesday a large part of the business was confined to changes in Faculty. In the Home Economics Department, Miss Hoover was made Dean of Women and Miss Fowler was made Assistant Professor of Home Economics. G. W. Randlett was made director of the college extension work; M. B. Erickson, Assistant Professor in Steam Engineering and Miss Edyth Grasse was made Instructor in Voice and Piano. Another important item considered was that of getting new guns for the military Department as there are not enough to supply all the cadets at present. It was decided to make requisition to the Government for an additional supply of arms and equipment. This will permit of a considerable enlargement of that department. No other business of importance was taken up.

**SOILS ANALYZED FROM DEMONSTRATION FARMS**

Prof. Ince Has Large Number of Samples From New Farms For Analysis.

Prof. Ince has just begun work on a set of samples of soil from the new Demonstration Farms of which there have been twelve added to the list recently. Representative samples have been sent in from each and careful chemical analysis will be made to show the composition of the soils at the beginning of the crop-rotation



Society Brand

**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.

work. Further analysis will then be made from time to time to determine the effect of various kinds of rotation.

In analytical investigation of this nature the greatest difficulty to be met is that of getting truly representative samples of soil from any considerable tract of land. When it is considered that the amount analyzed from each sample is only 10 grains while the sample itself probably represented a field of fifty or perhaps a hundred acres it is readily seen that the problem is a serious one. However this danger is guarded against as much as possible by careful selection of the samples and thorough mixing before the final sample for analysis is taken.

**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. 112 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.)**

H. H. Casselman, Proprietor.

FARGO,

N. DAK.

**"ELMORETO"****A 10c Cigar for 5 Cents**

Ferris, Grady &amp; 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 Afternoon 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 & RESTAURANT**  
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, Exclusive Imported and Domestic Wall Hangings.  
620 2nd Ave. N. Fargo, N. D.

STOP AT THE  
**Corner Store**  
CONFECTIONARY & CIGARS.  
Matt Hammer, 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.

**Ziefle Talks**  
**On Perfume**  
Interesting Talk Given at Last Meeting of Club By Head of Department.

The A. C. P. C. was favored at their last meeting by an address on perfumes by Prof. Ziefle. He said in part:

"The word Synthetic is derived from the Greek word Synthesis which means together; a compound. In perfumery it has come to mean the formation of new substances, that may be used in perfumes or flavors which have not so far been found in nature, that is may be built up by synthesis in the laboratory but have not so far as we know at present a counterpart in either plant or animal life.

In further explanation of the latter definition I might add that in research work there are a good many substances produced that at first seem of no importance, yet very often are found in some of the natural materials.

To illustrate my remarks—if you would take the Phenolic body, Beta Naphthol, and by the process of condensation cause t to unite with either wood or common grain alcohol, you would obtain two very odiferous substances. The one, Methyl Ether is known in commerce as "Yora," marketed in small white or faintly tinted crystals, having a melting point of 70 d. C and a most powerful odor. In fact, this substance is one of the strongest perfume smelling materials in existence, and good results can only be had in using it in very minute proportions. The other Ethyl Ether, we can obtain by condensing Beta Naphthol with Ethyl Alcohol, and it is marketed under the trade name "Bromelia." This product is also known as "Neroline."

Hence we see by the simple process of condensation, it is possible to condense an odorless phenolic body into two strongly smelling derivations, one of which Yora, recalls the perfume of Acacia blossoms and the other Bromelia or Neroline, recalls the odor of orange flowers.

The first organic synthesis, which has laid the foundation for all synthetic work was performed by a German chemist Waehler in 1828. Up to that time it was thought that organic compounds were the result of some peculiar process of either animal or plant life. Scientific men everywhere attacked the problem in quick succession. Many discoveries were made and many substances formed in the Laboratory Kolb made acetic acid by synthesis.

Science has not yet advanced to the point where we may judge the perfume value of a material by the mere knowledge of its chemical composition and structure, we merely know that in many instances the presence of certain groups covert an odorless or tasteless body into a strong perfume or flavor.

You will probably ask "why is it necessary to make these substances on a commercial scale when the same bodies are formed in nature?" No one will dispute the scientific interest of the possibility of producing a substance synthetically, which we have previously found as a component part of plant or animal matter. But to illustrate the commercial necessity, I must go back to the first perfume materials used by the ancients. These consisted principally of

gums, resins, barks, flowers, various woods, as well as animal secretations, like for instance musk. But of all of those substances contained only very minute proportions of the active odoriferous constituents and consequently their practical utilization presented great difficulties.

In the gradual evolution of centuries, and the natural progress of the arts, methods were found which isolated from these first crude perfume materials, the odoriferous bodies in a more or less concentrated form.

It was discovered, for instance, that most of the flowers or woods owe their perfume to minute traces of a substance, which we know under the general term of "essential oil" and that this substance could be obtained from the material by steam distillation—that is, the oil is volatile by steam or hot water vapor and by condensing this vapor, the oil separates any may then be decanted.

Other oils are obtained by expression and are so obtained at the present time. As an illustration I will mention the oils belonging to the Citrus family like lemon, orange, bergamot; all obtained by this process in Italy. For instance, the rind of the lemon is perforated by a sharp tool, so that the oil exudes from the pores and the Italian who manipulates this tool collects the oil with a sponge. The sponge is then pressed out and the result is our commercial "Oil of Lemoa."

Next came the discovery of the so-called Enflourage Process." It was found that where blossoms, which are odoriferous are brought into contact with a fat, the fat absorbs the perfume contained in the flower. By repeating this process a number of times, we obtain a fatty base which is strongly perfumed—the present "Flower Pomades."

The next step forward was the discovery that perfume substances may be obtained from some blossoms (in a more or less impure form) by extraction with volatile solvents. If we take a quantity of perfume flowers and treat them with a solvent like ether, benzine and other easily volatile solvents, that will dissolve the oils, these solvents in passing thru the layers of the blossoms will dissolve the active constituents contained in the same and by now distilling the solvent (preferably in vacuum) we obtain a residue, which contains the odoriferous substances mixed with other plant impurities.

Hence in Volital oils we obtain odoriferous constituents but they are not pure and the impurities often serve to masque the odor.

Water also in steam distillation hydrolyzes the active principle of the perfume thereby changing their nature. In orange flowers for instance the oil obtained by steam distillation is very different from that obtained from the Enflourage process, due to the absorption by the water of certain of its constituents which the lard does not.

Climatic conditions also effect the oil constituent from year to year which tends to raise or lower the prices. As an illustration I will cite a recent custom house difficulty, wherein the U. S. authorities questioned the standard of about 100,000 pounds of oil of lemon. On investigating the matter, however it was found that in that particular year the yield had varied and the requirements had to be modified.

A man fifty years old has entered the University of Michigan as a freshman.

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

**Ship Hides, Furs and Pelts**  
TO  
**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 } Nickle 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 Athletic 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 Broadway, 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.  
Fargo, - - - - - N. D.

J. H. Rindlaub, M. D. Elizabeth Rindlaub, 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.

ARA-NOTCH  
  
The "Ara-Notch" makes the "Belmont" an  
**ARROW**  
COLLAR  
Sit Perfectly  
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
One term ..... 50
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
John T. Dinwoodie ..... Reporter
Inez Herron ..... Reporter
Alfred Anderson ..... Reporter
Roger Amidon ..... Reporter
D. J. Ford ..... Reporter

Various causes combined to make it impossible to get out a quorum for the meeting of the Student Organization Friday noon. The notice was posted on the bulletin board in the Main building was rather small and many failed to see it: a great many saw it but straight way forgot all about it: others knew of the meeting but thought it of much less importance than an early dinner. After these classes were eliminated there remained about half a dozen who attended the meeting.

Very few of those who stayed away have adequate excuse for so doing. Those who failed to see the notice probably come in for a somewhat smaller share of blame than either of the other classes. Still a student who takes a proper interest in the affairs of the student body should watch the bulletin board just such notices. It is only a matter of a few seconds per day to glance over the announcements posted there and should not prove irksome to anyone.

Those who forgot about the meeting and those who knowingly stayed away come so nearly under the same head that they may be considered together. The student who takes so little interest in student activities that he pays no attention to such a notice or will not be half an hour late to his dinner to attend is very deficient in the proper college spirit.

Whata makes still worse is the fact that in the very nature of things the members of the Student Organization are for the most part students who have been at the college a year or more so they cannot plead ignorance of student affairs as their excuse. The Students Organization is the only general organization among the students and as such is in many respects the most important. If every member would give it his loyal support it would be a most powerful factor in shaping the affairs of the College, but when out of over one hundred and fifty mem-

bers it is impossible to get a quorum of twenty it shows evidence of a most deplorable lack of interest on the part of the students for whose benefit the organization is maintained. This noon another attempt will be made to hold a meeting. It has been well advertised and if there is not a good attendance it will look bad indeed for A. C. loyalty.

The members of last year's basket-ball, base-ball and track teams are beginning to wonder where those monograms are. The football men got theirs but none of the other teams have yet been awarded any. The boys certainly earned their monograms and should be given them before the next season opens. If they demanded sweaters it would be in no wise an exorbitant request, but they are quite willing to furnish their own sweaters so long as they gain the recognition due them in the form of letters.

When a student denies himself pleasures and works hard for a whole term or in many cases two and three terms to uphold the honor of his College in the field of athletics it seems little enough to present him with a monogram which would not cost more than fifty cents. The intrinsic value of these letters is nothing and when from neglect or some other reason the student is deprived of the honor of wearing them until both he and every one else has forgotten the occasion of his winning them the reward of the athlete is small indeed.

Another suggestion which seems well worthy of consideration is that such sweaters as are given the dark green instead of given be dark green instead of green sweater looks as well if not better than a green one and at the same time represents one of the college colors while grey has no meaning at all.

At present there are over five hundred students at the college, but the Spectrum has on its subscription list only one hundred eighty nine students; the percentage of the professors taking the Spectrum is a little higher but there are still a few of the faculty who are not on our subscription list, and there are more than a few of those who are on the list who have not as yet paid for their paper.

In our opinion the poorest imitation of a man, and the one who is the least representative of the institution is the man who does not read the college paper. It makes no difference who the man is we don't want him in school if he cannot muster up enough interest in college affairs to read the college paper.

Next lowest in our estimation is the man who will not subscribe to the paper gotten out by his college. Such a man is known to his fellow students as a "cheap skate." The man that will borrow his neighbors paper to save the price of a subscription should

The North Dakota Agricultural College
FOR COMPLETENESS OF EQUIPMENT AND FACILITIES FOR INSTRUCTION IS UNSURPASSED 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

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.

be despised by his fellow students. There aren't over five students in this institution who can't afford the dollar for the Spectrum and in all probability these have already subscribed for the paper, for the man who is working his way thru school is almost always one of our most loyal students and will almost always subscribe to the college paper whether he can afford to or not.
The people who subscribe to the Spectrum and don't pay for it aren't quite so bad as they probably mean well, but after all it is a pretty small thing to neglect to pay for your paper.
What kind of a student are you? One of the 38 per cent who take the paper or one of the 62 per cent who don't? If you are of the latter class to what subdivision do you belong? To the class of men who are so dead they don't even read the paper, or to the class of "cheap skates" who borrow some one else's?"
"Two halves make a hole," remarked the tackle as the half-backs went through him for a touch down.—Ex.

The O. J. deLendrecie Co.
Did You See the Latest?
The Go-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.

Scientific Society To Meet.
During the Thanksgiving holidays there will be held in Chicago a meeting of the Central Scientific Society. This society is composed of teachers of all branches of science, and scientific men generally. Dr. Abbott is chairman of the Chemistry Department and so has the arrangement of the
Chemical program in his hands.
In this appointment of Dr. Abbott the Society not only conferred a great honor upon the Agricultural College, but recognized the true worth of Dr. Abbott.
A number of the Dormitory girls visited the Kent Literary Society at the Fargo High School Friday evening.



**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 soon as you're ready we want to oshow 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.

N. D. I. L. O.

E. A. Stever, Fargo College	President
W. O. Whitcomb, A. C.	Sec'y.

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
L. J. Miller	Secretary

N. D. A. C. L. E.

Paul Funderhide	President
Leo Thien	Secretary

TEACHER'S CLUB.

Ola Naarl	President
Olaf Hendrickson	Secretary

POLYTECHNIC SOCIETY.

C. B. Waldron	President
Roe. E. Remington	Secretary

ALPHA ZETA.

P. J. Olson	Chancellor
R. S. Towle	Scribe

**INTERIOR LUMBER CO.**  
Lumber, Wood, Coal.  
Phone 93. Fargo, N. D.

James Balfour was welcomed back by his college friends the first of last week. Mr. Balfour makes a most welcome addition to our athletic material and got into the game at once by playing on the Engineer's foot-ball team Friday.

The Student Organizatin almost had a meeting Frday noon but as is was impossible to get a representative attendance it was decided to postpone the meeting until it could be more widely advertised and a larger attendance gotten out.

Steinway Piano Pianola Pianos

EVERYTHING KNOWN IN MUSIC

**Stone Piano Company,**  
Established 1894

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

**CITY Y. W. C. A. GIVE RECEPTION**

Reception Given in Honor of Miss Raymond, State Secretary.

**A. C. AND F. C. ASSOCIATIONS ARE GUESTS**

The Young Womens Christian Associations of the Agricultural and Fargo College were the guests at a reception given in honor of the State Secretary, Miss Raymond, by the City Association, on last Tuesday evening in their pleasant rooms in the Walker Block.

After a few words of welcome given by The President, Mrs. Fischer, a vocal duet, "Oh tell us merry birds of spring", was sung by the Misses Piers and Grest. Miss Raymond's talk on "Association Work," was especially enjoyed.

Dainty refreshments were served at the close of the program and a social time was greatly appreciated by all present.

About thirty of the Association girls were in attendance.

**Pan Hellenics Banquet.**

The Pan Hellenic Society held its second annual session at the Gardiner Nov. 4. There were forty-nine members present, Dr. Dillion was chairman of the evening.

The speakers were L. A. Hinton, Chas. Beaver, L. M. Hildbrand, Prof. Arvold, Rev. C. R. Adams, Prof Reed, Prof. Beckwith, Lynn B. McMullen of Valley City and Emerson H. Smith.

**HESPERIAN Program. Nov. 9.**

Address .....A. G. Arvold  
Essay .....Ernest Johnson  
Song .....Members  
Humorous Reading.....R. C. Dynes  
Music .....Selected

Debate: Resolved that denominational schools and colleges are inferior to those supported by the state.

Affirmative.	Negative
J. A. Keek	I. Storland
W. Storland	H. Halland
T. E. Mills	O. J. Hagen

**ATHENIAN.**  
Friday, Nov. 19, 1909.  
Roll Call.

Vocal Solo.....Esther Evans  
Declamation ....Edwin Evingson  
Declamation ....Edwin Traynor  
Violin Solo.....Olaf Hendrikson  
Declamation .....Maud Morrow  
Declamation .....P. J. Meighen  
Address .....A. G. Arvold  
Locals .....Amos Ewen  
Instrumental Solo..Beatrice Alm

**A. C. P. C.**

Friday evening the Pharmacy Club held a very interesting meeting in Music Hall. After a short business session, Dr. Putnam rendered a cornet solo, in his usual pleasing manner. Following this Prof. Ziefle gave a very interesting discourse on Synthetic Perfumes and Flavors a resume of which is given elsewhere in this issue. A general discussion pertaining to the art of perfumery took place informally in which the members and guests participated.

**German Club.**

The Second meeting of the German club was held on Friday in the society room at 5 o'clock p. m. The hour was taken up by an informal talk upon German cities which was then the topic of conversation. Song books, "Deutsches Liederbuch" have been ordered and will be here by the next meeting. It is the plan of the club to spend a short portion of each meeting in singing German songs. Several new members were enrolled at this time increasing the number appreciably.

**Y. W. C. A.**

The usual devotional meeting was held at the Ladies Dormitory on last Thursday evening, Nov. 11, the entire session being in charge of the State Secretary Miss Raymond. After the usual opening exercises a vocal solo "Lead Kindly Light" was rendered by Miss Esther Evans. Miss Raymond addressed the meeting on the subject of the Student Volunteer Convention, which takes place in Rochester, New York, next December.

Refreshments were served after the meeting and a social half hour enjoyed.

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

The Y. M. C. A. boys held a meeting in the association room at 4:30 Wednesday afternoon, when they were addressed by Mr. Talbot, president of the Fargo College Y. M. C. A. Mr. Talbot gave a most helpful talk on the value of Bible Study which was much appreciated by the local organization. There was a fair attendance and all present greatly enjoyed the meeting.

**RANDLETT NAMED AS EXTENSION DIRECTOR**

New Department Created To Reach People More Effectively Than By Printed Matter.

At the last meeting of the Board of Trustees a Department of College Extension was created and Prof. G. W. Randlett of this institution was elected Director.

It falls to the lot of the first head of this department to evolve methods of procedure, and we believe that the selection was an exceptionally fortunate one. Mr. Randlett by training and natural ability is well qualified. During the past year he has outlined the work in agriculture which is taught in every public school in the state without exception. His

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.

**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.

**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.

Normal School training and public school experience puts him thoroughly in touch with the needs of the public schools. His college training and wide acquaintance in the state gives him an excellent opportunity to be of assistance to the farmer.

Timely agricultural articles are written here which are published in 150 state papers which have a circulation of 300,000 copies. Other line of work which have been organized are; the state corn show; College exhibits at fairs; the High School lecture course; school children's agricultural contests. 21 counties are participating in this work this year and numerous addresses have been delivered at teachers conventions.

We congratulate Mr. Randlett on his promotion and the Board for it's wise selection.

**New Magazine.**

Among the very recent maza-zines to be published is the American College, edited by Birdseye and Frank Taylor. This is a magazine devoted entirely to the different phases of college life. The numerous activities at the different institutions are dealt with, making the magazine one of especial interest to college men. It is published by the Higher Educational Association of New York

**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.

**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.

**Annual Out Soon.**

Prof. Randlett went to Grand Forks Wednesday to see how the printing of the Institute Annual was progressing. A ton of lead and 15 tons of paper were bought and even then the supply will run short before the 15,000 annuals which have been contracted for are printed. One press is being kept running day and night to get the annuals out on time.



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.

## Informal Reports Given At Polytec

Reports By Different Members  
Make Varied and Interesting  
Program.

The regular meeting of the Polytechnic Society, which was held Wednesday night was devoted entirely to informal reports by various members.

After the order of procedure had been announced by President Waldron there was some hesitation, no one seeming bold enough to be the first speaker. Dr. Abbott at length broke the silence with a brief report of the committees that have for the past two weeks been examining the paint fences at the college.

These committees were sent by the leading lead companies and by the International Master Painter's Association and came to study the paint tests with a view to determining the relative wearing qualities of the different brands of lead and zinc paints.

Among the members of the committees were the prominent painters: John Doer, President of the Master Painter's and Decorators' Association and one of the best known authorities on paints and painting, Mr. Keister of the Carter Lead Company, Messrs. Thompson and Theobald of the National Lead Company and Mr. Hewes of the Pitcher Lead Company.

The chief purpose of the investigation was to determine the durability of white lead as compared with mixed paints. There is intense rivalry between the lead and mixed paint interests which has led to considerable experimental work. Paint fences are maintained at Atlantic City and Pittsburg on the same plan at this college, but under very different conditions. At Atlantic City the paint is exposed to the ocean winds, which besides being very humid, generally contains more or less sulphuretted hydrogen from decaying sea wood.

At Pittsburg the humidity is

also high and the air is laden with gases from the many smelters and factories.

Both these conditions are particularly destructive to paint, especially lead or zinc paints and the general results in both places are favorable for mixed paints. The weather conditions of this state, however are much more favorable to lead and zinc on account of the dry atmosphere and absence of any injurious gases so that the lead companies hope to score a triumph in the experiments conducted here.

The paint fences at the college are the most extensive in existence and the results when fully worked out will be of great value. Among the interesting facts thus far discovered is that a small amount of coloring matter greatly increases the wearing qualities of a mixture. The reason for this is not yet plain.

One important field which the college has not yet touched upon is that of protective coverings for iron and steel. This line of investigation is quite new but is already recognized as one of great importance, and the demand for experts on such subjects is very great.

The committees will submit a report of their conclusions which will be printed in a bulletin in connection with the observations made by our own paint men.

Following the report by Dr. Abbott there was a general discussion of the conditions effecting the durability of paints and the methods of investigation now in use.

The second report was given by Mr. Fitz in which he told of inquiries which had come to him on the question of concrete as a material for grain bins. Mr. Fitz has written to various elevator companies, brewers etc. and while he can make no definite statement as yet it seems that in most cases the concrete has given quite good satisfaction, but the grain must be stored very dry. It is also very important that the concrete be thoroughly dried before the bin is used. In several cases a thin wash of pure cement on the

inside of the bin has been used with great success.

Pres. Waldron then made a few remarks on the cobwebs which are so common during the fall months.

These webs which are so abundant on the warm days of October and early November are the work of one of the smallest species of spider. The food of these spiders consist almost entirely of aphides or plant lice, which are particularly numerous and active in the fall months. The life history of the spider has been modified accordingly to fit that of its prey, and its period of activity restricted to a relatively small portion of the year. About the first of October the spider hatches out and spins its web of a single strand. For a month or two it prey actively upon the aphides, then as cold weather approaches it lays the eggs for the next generation which will not hatch until the succeeding fall. While these spiders are extremely small and pass unnoticed they are a most important factor in keeping down plant lice.

Prof. Waldron also made mention of a series of tests of the relative values of seed potatoes from different localities which was carried on by Prof. Emerson of Kansas. Prof. Waldron sent a large collection of samples of potatoes grown in this state to be used in the tests and the results showed up very favorably for North Dakota potatoes. In every case the seed grown in this state produced larger yields than seed of the same variety from any other locality.

The final report of the evening was given by Dr. Batt on the New International Dictionary, which has recently been completed. Changes in the English language are so rapid that the life of a dictionary is necessarily short. The old international which succeeded the Websters Unabridged is fast going out of date and will probably be largely replaced by the new International. The new dictionary embodies several new features, most important of which is the putting of all words together instead of having an appendix for those of rare occurrence. In place of this each page is divided into two parts, the upper to contain the words of more common use while the lower contains uncommon or obsolete terms. In the matter of pronunciation and spelling the compilers were very conservative, simplified spelling receiving no recognition at all and changes in pronunciation being comparatively few. On the other hand an astonishing number of slang words and phrases are given. In point of size, the edition will exceed the present standard, having 400,000 words as against slightly over 300,000 in the old International.

Considerable discussion followed each report and a lively interest was shown by all present. The reports were followed by a short business session.

### LECTURE AT THE GRAND NOV. 21

Dr. Shambaugh Will Talk On  
"The Community of True  
Inspiration."

Dr. Benjamin Shambaugh, head of the department of political science at the University of Iowa will give a lecture on, "The Community of True Inspiration," at the Grand Nov. 21. In speaking of this subject Dr. Shambaugh says:

"The Community of True Inspiration" (frequently referred to as the Amana Community) is a community of some two thousand

## William Rosen Clothing, Furnishings and Shoes

Best Clothing at lowest prices

10% to all Students

OPEN EVENINGS

No. 9 Broadway

Opposite Lager Furniture Store,  
Fargo, N. Dak.

people living in Iowa who have conducted the most successful experiment in communism in the history of the United States if not in the world. The community originated in Germany in the eighteenth century. They removed to the state of New York in 1842 and in 1854 they located in Iowa. The people of this community have a unique religion which they call the religion of True Inspiration.

### MANAGER RECEIVES PATHETIC INQUIRY

Sound Judgment of Worthy Official  
Recognized By Distressed  
Subscriber.

Business Manager,  
The Weekly Spectrum,  
Dear sir:

Before you read this, call your mother so that you can read it together and decide between you what would be the best for me to do. I wish to ask you an important question which has caused me many a sleepless night and bitter tears. This is an awful subject to which I refer, and I hesitate to speak to anyone about it.

Many a happy home has been broken up for the same cause, but we cannot complain as we must bear the burden of this cold and cruel world.

I cannot communicate this matter to any of my friends, not even my own folks as they will not listen to such a subject. So I humbly appeal to you for sympathy in my distress. It may surprise you that I would consult you on such a subject as this, as only my heart should know. But it must come to light sooner or later. You then will understand me better when I explain. I am asking you a great favor and wish you to put social joys aside and consider this question carefully. I dread to ask you but now I must come to the point. Do you think it is time for me to put on my winter underwear?

U. R. EZ.

### AGGIES TRAIN ON PIE.

Football Men Eat What They Like  
and Use Tobacco.

The Kansas State Agricultural college football team trains on pie, coffee hot biscuits and other similar things not usually found on a training table bill of fare. The Aggies have no regular training table at home, but the players are expected to be careful about what they eat.

At the Athens hotel, where the team stayed while in Columbia, such cares didn't seem to weigh heavily on the players' minds. Hot biscuit and rolls, coffee and ice tea, fat meat, and dessert were given impartial attention.

No smoking followed the meals,

## 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.  
303 Broadway 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.

-o-

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

-o-

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

but two or three of the regulars were seen chewing tobacco with evident satisfaction.—University Missourian.

The student council of the University of Michigan has issued a decree that all freshmen must wear the official cap. It also gives seniors, juniors or sophomores the right to confiscate the coverings of any freshman not wearing the official badge of the first year men.—Ex.

The Massachusetts Institute of Technology is planning to give a course in aeronautics.—Ex.



**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

**Knigt 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**

New Student to Dr. Harris: "Is this where you pay for the Veterinary Engineering?"

Dr. Harris: "I'm a new man here, ask Mr. Guinness."

In the absence of a quorum Faculty meeting was dispensed with Friday afternoon.

Nicholas Rinde has been visiting old friends about the college for the past week.

Miss Mather spent Saturday at the Dormitory as Mrs. Marshall's guest.

D. J. Ford visited at his home in Casselton over Saturday and Sunday.

The Senior Pharmacy class was severely disappointed when they were unable to have their eleven o'clock class, Thursday on account of the absence of the Professor.

Miss Hoover gave the girls in cooking a demonstration of the fireless cooker, Thursday afternoon.

Howard Darling has been out of town for the past week looking up his claim in the Standing Rock reservation. As Mr. Darling holds one of the earliest numbers he is quite sure to secure a good piece of land.

Holkesvig and Martinson have been going through the necessary preliminary stunts, preparatory to becoming Mus during the past week.

The work upon the water main on Fourteenth street is progressing slowly. The sticky nature of the soil does not seem to be of any help in the operation of this kind of ditching machine.

Mr. Heller is assisting Prof. Remington in the Food Laboratory of late. An assistant will be maintained in this work henceforward.

The next meeting of the Polytechnic Society will be addressed by Prof. White on the subject Protein Metabolism.

The analysis of a large number of samples of molasses has just been begun in the Food Laboratory.

Hash and soup are viewed with great suspicion at the Dormitory since Hunt has been having such success with his rat-trap.

Mrs. Remington delivered the poem, Hiawatha before the Kent Literary Society at the High School Saturday evening. The poem was set to music and was most novel and effective.

Cupid has been busy during the past week endeavoring to contract a few matches between members of the domestic Science class and those of the Veterinary courses.

Now that the band has finally decided to give a dance Doc is giving the boys some very strenuous practice on dance music, and Keeney and Anderson are racking their brain for new descriptive adjectives to use in writing up posters and announcements.

Prof. Randlett spoke at Dickenson Saturday where corn growing contestants met in connection with the farmer's institute.

The advance class in judging visited the farm of W. W. Brown at Amenia Saturday for the purpose of drilling on judging beef cattle. Mr. Brown has one of the best herds of Short-horns in America.

F. O. Olson, president of the Alumni paid the Spectrum office a pleasant visit last week.

The class in Organic Chemistry is reported as getting along very nicely. This class is larger than it has been for some years.

Dormitory Girl: "I like this changing tables because now I can wink at Dr. Batt."

It may be of interest to some of our older readers to hear that Dr. Holley has written a new book on paints. Dr. Holley is now connected with the Lead Products Company of St. Louis.

There is no longer any hope of recognizing individual students by their head gear as most of them have appeared in stocking caps since the cold weather set in.

There is still hope for some of the bashful ones. The girls recently posted a sign: "Boy wanted. Apply at once." at the dormitory.

A number of the Alpha Zetas spent Saturday in Frances Hall making preparations for the gruesome rites to be solemnized that night.

The class in "Food Products of the World" visited the mill Friday morning. Mr. Sanderson, the college miller explained the different processes of milling in a very interesting manner.

Mr. Bailey lectured to the class in "Food Products of the World" Monday on the topic "The characteristics and qualities of flours."

Mr. McMullen, who is mentioned as one of the speakers at the Pan-Hellenic banquet, was the guest of Dr. Abbott during his stay in Fargo. Dr. McMullen was in the same Fraternity with Dr. Abbott and was a great friend of his.

Dormitory girls wonder if Prof. Kirschman changed his seat at the table, so he could look at them or so that he could sit beside Miss Glasier.

A luncheon will be given to six members of the faculty next Tuesday by the Misses Rose and Pelisier.

The Alpha Zetas went to the theater in force Friday night to see Blanch Bates in The Fighting Hope.

A freshman meeting is scheduled for this afternoon when the '12s will organize and elect officers for the year. This will complete the list of class organizations.

The editors were pleasantly reminded of the early days when coyotes were plentiful on the North Dakota prairies when one night last week, a number of the younger Faculty members were trying their voices in the Manual Training rooms in the Mechanical building.

Studios—"You say that if I buy the pony it will save half my studying?"

Book-Dealer—"Yes."

Studios—"Gimme Two."—Ex

**Bulletin Issued On Durum.**  
Dean Ladd now has a bulletin ready to go to press on the recent tests of Durum flour carried on at the baking laboratory. The bulletin not only covers the investigation carried on here but also gives the views of the actual consumers who have tried samples of the flour milled at the college. The results as a whole seem to speak very well for Durum flour.

Dr. Van Es has recently received an excellent specimen of glanders in a horses head shipped to the Veterinary Department from Garrison. The doctor is preparing the specimen for demonstration purposes and says it is the finest he has ever seen.

The plastering is now completed in the new Veterinary building and the dissecting and wash rooms are receiving their finishing coats of cement. Unless something unexpected comes up to hinder the work the building will be finished by the first of the year.

The hearts of the Mus were gladdened when a fine gas range donated by Mr. Darrow was installed in the Frat. room.

At Dickenson the Farmer's Institute was held in connection with the Corn contest. The business men of that town provided a large number of prizes and great interest was shown. Exhibits began to come early and a fine display was made.

Requests for institutes still continue to come in.

Parker was handed a roast neatly done up by one of the Domestic Science girls one day last week.

**The Pedestrian in 1910.**  
Chug-chug!  
Br-r-r! b-r-r-r!  
Honk-honk!  
Gilligillug-gilligillug!  
The pedestrian paused at the intersection of two busy cross streets.  
He looked about. An automobile was rushing at him from one direction, a motor-cycle from another, an auto-truck was coming from behind and a taxicab was speedily approaching.  
Zip-zip! Zing-glug!  
He looked up and saw directly above him a runaway airship in rapid descent.  
There was but one chance. He was standing upon a manhole cover. Quickly seizing it, he lifted the lid and jumped into the hole just in time to be run over by a sub-way train—Cleveland Plain Dealer.

Football by mail is the latest in the correspondence line. The head coach at Carlisle is giving instruction to coaches of secondary schools by this method.

Indiana University has an organization of all men students called the "Howling Host."—Ex.

**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—

JOHN WANDMAKER

The Barber

Where you get the best hair-cut in  
the city.

Fargo, N. D.

## 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.

**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.

## ENGINEERS ARE NOW COLLEGE CHAMPIONS

(Continued from page 1).

then did some fine line smashing and carried the ball to the one yard line but Nemzek thought the Engineers had scored enough in the first half and so called time.

In the second half the Engineers defended the south goal and kicked off to the Aggies to the north. Dieck made good gains around the ends but the Engineers soon broke it up and got the ball. By a series of line bucks they carried the ball to the 20 yardline and at this time stage in the game Lembecke discovered that he was minus a button from his jersey and time had to be called while a search was made. Prof. Arvold finally found the missing button and restored it to Lembecke when the game was once more resumed. Keeney continued his good work and once more crossed the goal line for a touch down but failed to kick the goal. The score then stood 11 to 0 with the Engineers on top. On the next kick-off the Engineers defended the north goal and received the kick. They had little trouble in going through the Aggies' line and making gains around the ends and soon had the ball in their opponents' territory. However, the Aggies held them on the 30 yard line and punted out on danger. The Engineers played fast, classy ball and were not long in regaining their lost ground and another touch down was inevitable but Nemzek again came to the rescue of the Aggies and called time, ending the game. The final score stood 11 to 0 in favor of the Engineers; but the Aggies played a good game notwithstanding the fact that they were mostly green men. The Engineers are now champions and are likely to remain so unless the present weather conditions are greatly changed, but the "Pharmice" think they have some good foot-ball material and were very anxious to play a game with the Engineers but it will undoubtedly have to be called off.

## FARMERS' INSTITUTE PROGRESSING WELL

Attendance is Good and Great Interest Shown.

During the past week institutes have been held at Brofy, Linton, Dawson Beach, Belfield, New England and Dickinson.

The attendance was very good at most of these places in fact greatly superior to the attendance last year. At Linton the attend-

ance was the best. At this place the institute was held in connection with a Corn Growing Contest organized by Supt. Hoverstad. This Contest was not the success it should have been on account of the fact the Superintendent Hoverstad did not get the support of the business men of the place. The farmers too were a little slow in responding and the exhibit was small, however, it is to be hoped that after this more interest will be shown.

At Beach and Belfield the farmers report an unusually large crops of small grains. They appear to be well pleased with the country.

Prof. Waldron was one of the most prominent lecturers at the sessions of the Institutes that were held last week.

## DEAN SHEPPARD VISITS DICKINSON

Examines the Work of the Sub-Station.

Dean Sheppard paid a short visit to the Dickinson Substation last week where he found the station men busy threshing Grim alfalfa. This variety yielded a fair crop this year. A large part of the work at the station is on alfalfa and hundreds of trial plots are maintained while other varieties are being given field trials. These alfalfas have been selected from many parts of the world and are adapted to a great variety of conditions. A large percentage of them prove altogether unfitted for this state. Of those that gave good returns, Grim alfalfa seems to be the best. Ninety four per cent of this crop wintered well while others either failed entirely or were severely injured. All the varieties are being given a severe test and Supt. Waldron and his associates, Messrs. Grace and Stewart are very conservative in their statements. When their reports are published we may expect one that the readers can put confidence in. The alfalfa experiments if successful, promise splendid results for Southwestern North Dakota.

Another important line of work at the station is the growing of trees. Small seedlings and cuttings were set out a few years ago and now the groves begin to show up in a most encouraging manner. The trees were planted close together and are beginning to furnish excellent windbreaks. Others which we planted for ornamental purposes are also doing well. Some species showed a great of over five feet in the last season. The results of the horticulture experiments show that the farmers may have graves if they plant and care for the trees properly.

Sunday evening strolling about the campus has lost greatly in favor since the blizzard.

Burke Critchfield went to Gardner on business, official, or otherwise, last Saturday.

## 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, Furnishings, 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.

Zuppenheimer's and  
Abl'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