# THE WEEKLY SPECTRUM.

Official Publication of the Student Organization.

Vol. 15.

Number 23.

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

PRICE 5 CENTS.

# **Brandenburg Wins**

Technical Essay upon Seeding Wins First Place in Annual Contest

WALTERS SECOND PLACE

Farm Husbandry Have a Monopey-Six Highest Men From Their Ranks

"Drilling vs. Broadcast Seeding and Essential Features of Grain Drills" was the title of the essay with which Tunis O. Brandenburg of the Farm Husbandry Course won the silver cup in the fourth essay contest of ahe Agricultural Club which was held in the Chapel last Friday night.

Clarence Walters, Farm Husbandry with his essay "Our Chosen Vocation" carried off the second prize consisting of a beautiful gold fob.

The third prize the "The Flock" which was recently offered by Dean Shepperd went to Theo. Faust Senior Farm Husbandry whose essay was entitled "The Relation of Fairs to Farm Communities".

The entire six essays were of a high order and showed maturity of thought and a broad knowledge of the subject under discus- Mr. W. W. Brown's stockfarm. sion. This was emphasized by the fact that the percentages as rendered by the judges were exceedingly close in several instances the awards being made on a fraction trip is looked forward to. of a percent.

## Winning Essay

The cup winning essay gave a resume of the evolution of seeding Machinery from the time of broadcast seeding to the present time when we have our improved drills. He then discussed at length the essential features of a grain drill for the present conditions in North Dakota. The advantages and disadvantages of various types of shoe, single and farm. "What Corn will do for double discs, and press drills were also lucidly set forth. The essay was well written and showed that the author understood his subject. The delivery was also made in a pleasing manner.

## Our Vocation

"Our Chosen Vocation" by Clarence Walters which won the second prize differed from the others in being less technical. It dealt with the choice of agriculture and brought out some points which were decidedly original.

"Relation of County Fairs to Farm Communities" by Theo. Faust to whom the third prize awarded, was another worthy production. Mr. Faust treated his subject in an intelligent manner and vividly set forth the benefits that farming communities might derive from county fairs properly manag-

The other three essays were good and were not far below the winners. "Selection of Seed for Increasing the Yield" by J. G. Thoreson discussed plans whereby the farmer might improve his seed grain by seclection. William Maxwell in "Poultry Management on the Farm" showed the importance of the poultry industry and

## JUNIOR DANCE COMES

In Essay Contest Will be the Climax of the Social Events of the Season

> events at the College next Saturday evening will occur the Junior Ball. The Juniors have been making elaborate preparations for the event and promises are that it will be a swell affair.

> The hall will be lavishly decorated in the colors Green and Yellow of the College and Old Rose and Lavender of the Class. Nobby programs for the events of the evening have been prepared. Pr. Putnam's nine peice orchestra will furnish the music. Light refreshments will be furnished during the evening.

> The Grand March will begin promptly at half past eight. Invita tions have been issued but some of the students may have been overlooked and if they desire them invitations may be secured of the Committee in charge, which consists of Messers Stevens, Keeney, and Lough.

> The Juniors have extended an invitation to the Senior class to be present as guests of honor.

#### TO AMENIA

The advanced stockjudging class is planning to make a trip to Amenia next Saturday to visit Many of our boys have enjoyed the hospitality of Mr. Brown on trips of this nature in the past and an instructive and pleasureable

## APRIL 9TH.

Keep this date open for the Intercollegiate Oratorical Contest which will be held in Fargo this vear. Remember the date and make arrangements to attend for it is going to be a good contest.

discussed methods of caring for flocks of poultry on the average corn should occupy among our dressing rooms. crops.

The judges on thought and composition were Professors Richards, Dynes the crowd was forced out Weeks, and Doneghue; on de- of the gym where they awaited livery, Professors Halland, Waldron, and McArdle.

## SATURDAY EVENING Referee Steals the

## Game for St. Johns

As a climax to the winter social To St. Johns Victory - To the Referee Dishonor and to the A. C. Undeserved Defeat.

SQUARE DEAL BY MURPHY.

Man With Slavonic Name Merci fully Spared of Bodily Injury

Referee Cricowski with the fast St. John's quint as his backing, easily won the game from the A C. Saturday night on our floor by a score of 30 to 18. The count of the first half was 12 - 11 in favor of St. John's but Murphy who refereed that part of the game was changed to umpire and Cricowski run the last half to suit himself.

The fore part of the contest was clean and the decisions were straight and impartial. The visitors took a lead of four points at the start but it was only an award of one point that gave them one point advantage in the first helf

#### Determined to Win

In the second half however Cricowski went into the game determined to win for the Irish. Immediately after the whistle blew he got down to business and called fouls on our boys with remarkable rapidity. Murphy as umpire continued to do both teams justice but as the rules did not specify fouls on the referee, he was powerless. At last the fans grew tired of Crikowski's pranks and one of them taking the naughty boy by the hand attempted to lead him away. With this as a starter the crowd rushed on to the floor and things loked desperate for the referee but the prompt action of Manager Dynes and Coach Magoffin caused the crowd to fall back until the game was over.

## Escapes Whole

When the whistle blew for the close, everyone made a rush for North Dakota" forcibly brought Cricowski but with the aid of Pete to the minds of the audience the Tierney, Professor Wallenburg of needs of a more diversified system the D. B. C., and several others of agriculture and the place that he was piloted unharmed to the

> By the combined efforts of Coach Magoffin and Manager

> > (Continued on page 8)

## FARM HUSBANDRY RM HUSBANDRY GRADUATION EXERCISES Agassiz Material is

Invite Students And Friends to Attend Class Day Program

Neat invitations to attend the graduation exercises of the 1909 Farm Husbandry class upon Wed. nesday the twenty fourth have ANNUAL WILL BE BEST YET been issued. The third year men are busy on their preparations for the event and have prepared a unique program for the occasion the feature of which will be an address by Hon. Treadwell Twitchel.

Below is the program for the evening.

President's address . . M. B. John-

The Use of Leisure Time in the Farm Home .... Fred Faust. A Trip to the Stock Show . Robert Sampson

Class History . . John Dinwoodie Vocal Solo-If I had a Thousand Lives to Live .... C. M. Yerring-

Address .... Treadwell Twitchel Presentation of Certificates ... ..... President Worst

Music ...... College Orchestra.

#### PEWEE AND MAX RIDE THE MU GOAT

#### Alpha Mu's Iniate Candidates and Celebrate With Sumptuous Feast

Judging by the elaborate preparation which the Alpha Mu boys were making last Thursday afternoon the initiation which was held that evening was a novel affair. The candidates have been working faithfully for the past month and it is no doubt with much relief that Frank Darrow and Mar Harrington can say that they have completed their task and are now full fledged members of the frat-

Nobody saw them take a goat up to the mysterious quarters of the fraternity but there is little doubt but what one of these long whiskered gentleman were present to add to the amusement of the ones present.

Following the initiation, the 'inner man' of the frat boys was satisfied with an elaborate banquet served up by the chief cook of the order who knows how to prepare a feed for the candidates. after they have passed so close to death's door better than any other living mortal.

# Ready for Printers

Juniors are Looking Forward to Period of Relaxation From Labors.

Contains Every Feature of the College Year Over One Hundred Cuts.

At last the work of the Junior Class is almost complete and the members of the class are looking Music . . . . . College Orchestra. forward to a period of relaxation after their long sessions held in secret, for the 1910 Agassiz goes to press this week. Editors Olson and Mercer say that the material is almost ready and will be sent to the printers this week. Managers Darling and McKinstry are congratulating themselves over the fact that they have all their advertizing material in and the business end of the proposition is well under way. The remainder of the work will merely be the reading of proof and correcting of forms and will be much less strenuous than the work thus far has been.

## To Eclipse all Others

This years Agassiz promises well to eclipse all other productions of this kind at the College and will consist of one hundred and fifty pages neatly bound in quarter leather. Just what will be on the pages still remains a mystery to the anxiously waiting public, but it will be safe to say that all these secret midnight sessions have not been held without some worthy results and what appears on these one hundred and fifty pages will indeed be interesting and we are not afraid to say instructive to the reader. One thing that can be said with certainity is that there will be some very good pictures and you must not be surprised if you see your likness included in these for there are over one hundred cuts.

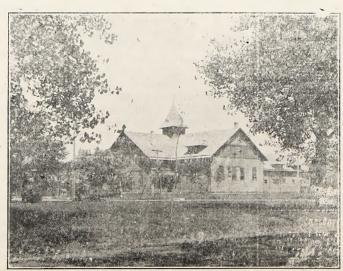
## Look out For Hits

The latest hits of the season, and also some that are not so late, for we are informed that there were a few things that happened last fall that did not escape the watchful eye of the editors and their industrious assistants, will appear in this mysterious volume. It is also very probable that there will be several cartoons, judging from the way the editors have been overworking their artist. We may expect the 1910 Agassiz to put in its appearance sometime about May Day.

## RECITAL BY VOICE AND PIANO PUPILS

A recital will be given by voice and piano pupils of Miss Edyth Grasse in the Chapel Saturday afternoon, March 20th. The program will begin at four o'clock sharp and will last one hour and a half. The faculty and students and their friends are cordially invited to attend.

The U. N. D. debating team were losers in their debate with the U. of South Dakota. The vote of the Judges was two to one.



HORSE BARN AND JUDGING PAVILION

## **Annual Stock Judging** Contest Next Week

Competition is Keen This Year-Three Gold Medal Men Will Compete

GROUT '08 MAY BE BACK

D. A. Wallace, Editor of The Farmer Will Conduct The Contest

On Tuesday and Wednesday afternoon on Mar. 23 and 24th the annual stockjudging contest will be held in the judging pavilion. The contest promises this year to 1907—Geo. P. Grout, Minneapolis, be the most hotly contested in years. Especially keen will be the competition for the gold medal which must be won the second time before it becomes the per- Donated by Professor Richards in manent property of the holder.

Competition Strong

A. J. Wiesbach who won it in 1906 is here and expects to compete for it again as is also John Dinwoodie who carried off honors last year. It is also reported that Geo. P. Grout the winner of the medal of 1907, who is now instructor in the Dairy Department at the Minnesota Agricultural College, intends to be present and try out for permanent possession of the trophy.

D. A. Wallace

The work of the students in the contest will be passed upon by D. A. Wallace, editor of the "The Flax Grows Ethiopian Whiskers Farmer' which is published at St. Paul. Mr. Wallace is a recognized authority upon live stock and the College is fortunate in securing his services in this contest. His discussions on the various types of animals in the judging ring will no doubt be very instructive. Mr. Wallace is a graduate of the State College, Ames Iowa.

Realizing the necessity of a thorough knowledge of the best types of the various classes of farm animals these I annua contests were originated with a view of stimulating interest and a desire for, greater proficiency among agricultural students. That this attempt has been successful there is no question when one views the earnestness with which the students are taking up this

Owing to the large class in stock judging it is necessary to limit the number who may enter the contest. Those entering will be selected by virtue of their class standing for the winter term. The names of these will be known next

The prizes this year consist of the following:

Gold medal -- This goes to the advanced student showing the MORE TROUBLE FOR BLUFgreatest proficiency in the judging of all classes of live stock. For permanent ownership it must be won the second time.

Silver Cup - This prize is offered by Dean Shepperd as a second prize for proficiency in judging. This prize is open for competition to all regular students in the contest and becomes the premanent property of the winner.

Professor Richards also offers a Silver Cup which is open for competition among all of the first year students. This cup must be won

A Yorkshire gilt will be given ing the best work in judging beef sift in thoroughly an over-abundcattle. Plymouth Rock cockeral will also be given for the best flavor well with moonshine caught work in judging swine.

Winners of the Medal

Below we append the list of winners of prizes in former contests. term. - Ex.

Winners of the Gold Medal. 1898-Harry Hicks, Hickson North Dakota.

1898—Harry Michs, Hickson North Dakota.

1899-Simon C. Powers, Lynchburg, N. D.

1900-John S. Cummings, Hawley, EXPRESSES REGRETS TO DR N. D.

N. D.

1902-Stanley Thompson, Ayr, N.

1903—Rufus Lee, Gladstone N. D. 1904—Earl Matteson, Inkster, N.

1905-Reine Hasse, Tappen, N. D. 1906-A. J. Wiesbach, Lynch-honor of Dr. and Mrs. Brown who burg, N. D.

Minnesota. 1908-John Dinwoodie, Bottineau,

The Silver Cup.

N. D.

1906-John Sherman, Steele North Dakota.

1907-John Dinwoodie, Bottineau,

1908-Chas. Ruzicka, Chi., Ill.

It is hoped that a large number of the short course students will re main for the contest because its highest success in their new fields educational value will be great. the thanks of each individual Phar All students of the College are macy man for the favor and courtcordially invited to be present at esies shown them in the past. the contest.

SCIENCE HALL PEOPLE ARE ALSO "SMOKED"

while even Jerry Looses Paleness

The staff of workers in Science Hall are glad to see that the Aesthetic sense of the denizens of evening given by Mr. Baernstien, the Engineering Building have been thoroly aroused by the smok- Professor Sudro, Professor Reming nuisance. We hope that the mington, Mrs. Remington, and Dr. workers in that building will rem- Putnam were in the lighter vein ember their close relationship to and the time passed quickly, the boilers and heating plants gener- banqueters breaking up at midally and not forget the question of night. how not to smoke on the campus. The wind more often blows from west to south than from west to attended and credit is due the east, with the result that Science Hall gets a whiff of smoke almost every day.

The flax fiber samples from Russia begin to look like Etheopi- Englehorn. an whiskers, and we are almost afraid to show any book or other piece of experimental work to visitors for fear that they shall feel that in all probability that particular book or speciman has not been looked at for a generation before, because of the dust upon it. The other day the white owl was complaining about the dingy look on Jerry's face, and even the loon was heard to say 'Hoot, man, look at yourself!"

## FERS.

The "snap" course, that haven of refuge to those who prefer the primrose paths to a sheepskin, is danger. A Chicago professor has survey has been made, there will to the number of hours he studies, instead of according to the number of hours he recites. Bluffers and cribbers to the rescue!- Silver and Gold.

## RECIPE FOR FLUNKS.

Take a string of bluffs, stir in a pound of very thin excuses; add a by the College to the student do- few class stalls, according to taste; ance of athletic enthusiasm ,and on numerous evening strolls. Then stuff with one night's cramming cational needs of the state who and serve hot at the end of a will gather at the state University.

PHARMACISTS HONOR DEPARTING PROFESSOR.

Elaborate Banquet Given at the Gardner in Honor of Prof. and Mrs. Brown.

190-W. A. Workman, Grandin, Dr. Brown Commends his Students Says he is Sorry to Leave Them

> Last Thursday evening the dining hall of the aGrdner Hotel was the scene of an elaborate banquet given by the Pharmacy Club in are soon to leave the College.

The banquet was an elaborate ten course affair and each of the sixty that sat down at the tables testify to the success of the affair.

Toasts.

Professor Abbott held the helm as toastmaster and a long list of those present responded to his call. Mr. Humphrey President of the Pharmacy Club in his toast expressed the regrets of the men of the Pharmacy Department that Dr. and Mrs. Brown were leaving, but extended with wishes of the

Dr. Brown

Dr. Brown in answer, thanked the men for their remembrance and wished all the highest success in their chosen profession. He commended the men for their earnest work in the class room and expressed in return, regrets that he would soon cease to be their teach-

The subsequent toats of the Professor White, Clare Parker

All voted the banquet one of the most successful that they had ever committee on arrangements who were Messers Foss, Flath, Humphrey, Ward, Orchard, Short, Baernstien, and Misses Moyer and

EXPERIMENTAL LANDS WILL BE SURVEYED

All Soils of Sub-Stations and of Demonstration Farm to be Classified

One of the amendments in Professor Willard's bill appropriating \$2,500 a year for a soil survey, was an amendement providing that the first money spent should be used in making a detailed survey of all experiment station and demonstration farms of the state. A special survey will be carried on in the sand region of Ransom evolved a system whereby the students wil receive credits according termine which does the best on the sandy soil. This experiment should be of great interest to the farmers of the state as it will be a test of plant growth on soil which has been classified according to the government survey.

## AS OTHERS SEE THEMSEIVES.

Fifty years from today the University of Illinois will have ten thousand students. One thousand professors and instructors will be needed to administer to the edu-- Daily Illini.

Fargo Milk Company

Wholesale and Retail Dealers in

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

Bottled and delivered to any part of Fargo and Moorhead. 

Knight Printing Company,

PRINTERS, BINDERS, LA W BLANK PUBLISHERS Fargo, North Dakota. ×

POLITE VAUDEVILLE AT

## THE GRAND

Matinee Prices 10-20c every Afternoon and Evening. Evening 10-20-30c

## •••••••••••••••<del>•••</del> STONE PIANO COMPANY,

Manufacturers, Importers, Publishers.

EVERYTHING KNOWN IN MUSIC

Fargo, N. Dak.

Est. 1894

## BOYS!

or the Sporting News you must read The Daily News. The only Sport Page in the state.

40c Per Month-Seven days a week. Phone 1402 and 1826.

The Knerr Creamery

Pays the Highest Cash Price for Cream.

PROMPT RETURNS A SPECIALTY

Write Today for Shipping Tags and Information

The Knerr Creamery

N. Dak.

The largest and most modern creamery building in N. Dakota

## Happy The Man

who buys his books, stationery, pennants, drawing instruments, postalcards, and all college supplies at the

A. C. Book Store,

(Administration Bldg.) BABCOCK, DARLING & KEENEY.

KODAKS

Everything known in Kodaks and Supplies call or write us for Catalogue.

E. P. SUNDBERG & CO., Gold and Silversmiths-Mfg. Opticians.

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 possibly 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. Dak.

AN EXAMINATION

Her lips were so near That-what else could I do? You'll be angry I fear

But her lips were so near-Well, I can't make it clear-Or explain it to you; But-what else could I do? - E

#### ENGINEERS TO GET NEEDED EQUIPMENT

Many Improvements Planned In C. V. Kennedy Appointed as Suc- Faculty Decide That the System THEATRE & PENNY ARCADE the Engineering Department For Coming Year

Some much needed improve ments will be made by the Department of Engineering and returning students next fall will find some decided changes in the matter of equipment. The pricipal improvement will probably be made in the machine shop which is to be enlarged considerably and many new, modern machines and tools will be installed. This improvement is greatly needed as many students have been refused machine shop work during the

The physics department is to receive some new apparatus and will ors and expects to take his bacheextend its floor space to room 27 in the Engineering Buildingf which will become a permanent PARROTT PRINCIPAL OF laboratory for those in preparatory physics.

Some new apparatus is also to At the meeting of the Board of be secured for the electric laboraatories which have so, far been of principal to have general charge the technical courses where the but little use because of the lack of the Agricultural and Manual of apparatus.

#### STUDENTS ENJOY VISIT AT EDGEWOOD FARM

students envoyed a visit to the of the rearrangement and har-Edgewood Farm under the guid-monizing of the preparatory courance of Professor Richards Sat- ses offered by the College. urday afternoon. This farm is owned by J. W. Smith of Fargo and is managed by S. A. Moore PREPS. BUSY ON who has a reputation as a stockman.

hogs raised by Mr. Moore. The of the president's address by Gabin every feature and kept in the hart, an oration by John Wentz; best condition.

in the trip and report a very ple- which will include several of the asant and profitable afternoon.

## NEW SUB-STATION

its establishment.

#### HENNIS QUITS AS FOREMAN OF EXP. FARM

cessor-Cal will Complete College Course

Cal Hennis, who has for the passed two years held the controlling reigns as foreman of the Experiment Farm, has decided to lay plete his College course and so who has been in the employ of death knell. the station for some time was appast term because of lack of room. pointed to succeed him. Cal Hennis will join the ranks of the Junilors degree in 1910.

## A. AND M. T. HIGH SCHOOL

At the meeting of the Board of tory and the cement testing labor- ed favorable the appointment of a Training High School and elected Registrar Parrott to act in that capacity.

This action is in accordance with the recommendation of the quired for the completion of the The advanced stock judging faculty committee who had charge graduate courses.

## CLASS PROGRAM

The Senior Preparatory Class is The special purpose of the trip busy upon its class program which was the inspection of the excellent will be presented about the middle herds of Jersies and Poland China of April. The program will consist farm also furnishes an unusually riel Lundy; the "Class Prophecy" good demonstration of practical by Misses Gibbens and Tibert; a management, as it is up to date humorous selection by Miss Lockspeeches by Messrs Amidon, Her-A good sized party participated ron, and Sparling. A dialogue members of the class will be an interesting feature.

> The Shorthorn engineers are at "devil wagons".

#### DEATH KNELL TO HONOR CREDITS SOUNDED

is a Failure and Do Away with it.

All those who wish to have an extended list of honor credits on the records of the future should begin cramming for those term them down and become one of us. end finals which are now only Mr. Hennis has decided to comsome stiff studying during the placed his resignation in the hands spring term for in the judgement of the Board of Trustees last Wed- of the faculty the honor credit nesday at which time it was ac-system has been a failure at our cepted and Mr. C. V. Kennedy College and they have sounded its

> At the faculty meeting last Sat urday it was decided that after given for high standing. This action has been foreshadowed for some time past by the severe critcism of the workings of the system both among the faculty and students. It was not found that the system had the desired effect of raising the standard of scholarship and that to the students in greater part of the work is required that the advanced credits obtained were of no avail. spite of the number of credits obtained the full four years were re-

## SOME FACTS ABOUT NEXT SCHOOL YEAR

The following will be interesting to those who will be back to the College next year. The fall term will open on Mon. Sept. 20, and will close upon Dec. 23. The length of this term will be thirteen weeks and three days. The winter term will open on Mon. Jan 3rd, and will close upon Thursday, Mar. 24th, which will make eleven weeks and four days. The spring term will open Monday Mar. 28, and will close upon Wednesday, June 8th, will last eleven weeks and three days. Make your plans accordingly.

The ranks of the wood workers A new sub-station at Hettinger least getting automobile habit by are rapidly thinning out as stuiz now assured, the bill having lying under the machine with a dents are departing for their been signed by the governor. Steps monkey wrench even if they do homes. A number of them are takwill immediately be taken towards not get the knack of driving the ing with them various articles of furniture made during the winter.

Fargo's Refined and High Class Automatic, Dramatic and Vaudeville Theatre.

Performances - 2:30, 3:30, 7:30, 8:30, 9:30 each day Entire change of program Monday and Thursday. ADMISSION 10c Children 5c Afternoons

Dr. A. J. Kaess Physician & Surgeon Phone 141-L 608 Front Street - -Fargo, N. D.

#### FRESHMEN WILL DE-CIDE FOR CONGRESS

The Freshmen class in argumentation will hold a debate on tariff question Wednesday and Thursday in the College chapel. Those on the affirmative are Amos Ewen. Grace Briscoe. and Clarence Waldron; on the negative, Michael Lamb, Leo Thien, and Ben Barrett. The debate will be held from nine to ten on both of these days and all who are free to attend are extended a hearty

### PHOTO MAN TAKES IN THE CADETS

The Cadet Battallion shivered into the open air last Wednesday and lined up with a brave attempt to look warlike while the photographer "shot" them. The officers celebrated by having their picture taken for a second time at the Dewey Studio later in the afternoon.

didnt. - Ex. it. You wouldn't be human if you turn this upside down and read There now, I knew you would

The fact that the Junior physicists are keeping the laboratory dark these days does not indicate that they want to keep anything dark, but they are spending the time finding out more about light.

## THE MINT RESTAURANT.

The best Eating House in the

Bradway 120

> ICE CREAM PARLORS WALDORF PHARMACY

Agent Johnston's Swiss Milk Chocolates OSCAR HALLENBURG, Ph. G. THE REXALL STORE Fargo, N. D.

## LAWYERS

Barnett & Richardson. W. H. BARNETT, W. H. BARNELL,
State's Attorney.
SETH W. RICHARDSON,
Asst. State's Attorney.
Lawyers 7-8-9 Morton Block.
N. Dak.

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

Taylor Crum.

No. 10 Broadway, - - Fargo, N. D.

Turner, Wright & Lewis.

Fargo, N. Dak

ROB'T M. POLLOCK. Attorney at Law Stern Bldg., - - Fargo, N. D.

M. A. Hildreth

LawyerLoan Savings Blk. -- Fargo, N. D.

Glassford & Lacy,

Attorneys at law, 4, 5, and 7 Savings & Loan Building, Fargo, N. D. Phones: N. W., 675L; Independent, 675.

S. G. ROBERTS Attorney at Law Henderson Blk.,

Physicians and Surgeons.

DR. J. G. DILLON Homeopathic Physician 604 Front St. - - Phone 674L

#### DR. E. FOLSOM Physician

620½ 1st Ave., No., Fargo, N. D. Over Perry Tyner Co's.

#### 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., - Farge, N. D.

Drs. Sand & Tronnes Physician & Surgeons
Phone 412L — 10 Broadway — Fargo

DR. E. E. BASYE

Osteopath (Fargo Infirmary) Established since May 10th, 1897, at 101 Eighth Street South.

Phone 853
All curable disases successfully treated without drugs.

## OCCULISTS AND AURISTS.

Dr. F. H. Bailey Dr. Kachelmacher, Norsk Læge

Specialists
Eye, Ear, Nose & Throat.

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.
North Dakota Dr. J. W. Campbell

Successor to Dr. H. A. Beaudoux Specialist, Eye, Ear, Nose, Throat. Iwards Bldg. - - Fargo, N. D. Edwards Bldg.

#### DENTISTS

George J. Pattison Dentist
Office 56-61 Edwards Bldg.

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 Lendricie Blk. - Phone 803L Fargo,

Dr. H. G. Green, D. D. S. Over Christianson's Drug Store
'Phone 203.
No. 10 Broadway - Fargo, N. D.

DR. H. L. STARLING

## Dentist

Office: Room 5 De Lendricie Blk.

## Dr. F. A. Bricker

Dr. F. A.

Dentist
(Successor to Frenette & Bricker)
Celephone, office 152; Residence 1037
Fargo, N. D. to Broadway,

## Davenport & Christianson.

Over Northern Trust Co. 'Phone 667 Fargo, N. D.

## T. H. Sherman

Dentist
Edwards Block - Fargo, N. D.
Phone 1044M.

WE ARE THE LARGEST MANU-FACTURERS OF

## Veterinary Instruments In the United States



Established 1844

250 page Illustrated Veterinary In-strument Catalogue Mailed free

## SHARP & SMITH

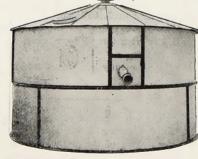
Manufacturers and Importers of h Grade Surgical and Veterin Law
Fargo, N. D. Washington street, Chicago, Ill.

## Galvanized Steel Portable Sectional Grain Bin

Protected by U. S. Patent No. 830440

Manufactured by

north Dakota Metal Culvert Company FARGO, N. D.



## Capacity and Weights

750 Bushels - -1430 lb. - - 1600 1000 - - 1940 " 1250 1500 2430

Built in Sections and shipped knocked down

Has a galvanized steel botto

Sections so made that it can be very easily and quickly set up and bolted together.

Takes a fourth class local freight rate and fifth class rate in car-load lots.

This bin is superior to any other bin upon the market, being rain-proof, fire-proof, rust-proof, vermindurable and economical. Grain can be run direct from separator into bin. It can be moved around the farm by use of ordinary or taken down and stored when not in use.

A liberal discount given to Hardware and Implement Dealers. Write for circulars and price list.

# North Dakota Metal Gulvert Co.,

FARGO, NORTH DAKOTA.

## THE WEEKLY SPECTRUM

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

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.

#### TERMS

One ye						
Single	copi	es	 	 	 	 .C

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.

## Levi M Thomas STAFF

Levi M. I nomas	attor
W. O. Whitcomb Associate E	ditor
S. V. Anderson Business Mai	nager
Ben Barrett Atletic E	ditor
Ruby GibbensSociety E	ditor
Cecelia Eyolfson Literary E	
LeRoy Gifford Chief Rep	
Lars WeloRep	orter
Edwin TraynorRep	orter
Clarence WaldronRep	orter
Will P. Stapleton Rep	orter
Agnes PetersonRep	orter
William Mercer	orter
Edwin EyingsonRep	orter

#### The Season's Triumph.

The basket ball season is now nearly over. From the standpoint of games won and lost it has been one of the most successful in the history of the College. We have today a team which we believe can defeat any college team in the state, a team which in fact has met and defeated all such teams with the exception of one.

But winning is not all. Nor are we certain that this has been the greatest triumph of the season. Early in the season when the enforcement of newly made faculty rulings, which required that students representing the College in athletic contests must maintain a standard of scholarship worthy of a student, disqualified a number of our promising candidates for the team there were portentious prophecies that the death blow to our success in athletics had been given.

The seasons record has proven the fallacy of the prophecy and it has done more; it has proven that the poor student is not a necessity in acheiving success in intercollegiate contests.

## HONESTY

With the end of the term and the examinations again comes the same question which has been confronting every student from the time that Adam and Eve studied of highschool, addressed the stutheir A B Cs up to the present dents at convocation yesterday time when we are born with those essentials - that of Honesty. Many of you may say that this is an old story in the same old clothes. True this is, but let us put new clothes on it and use it when we are tempted to do anything in our examinations that we know is not the right thing. When we went to the graded school we had a Contest Morningside's representateacher who watched over us to tive won first place and Ames see that we did not cheat, but now second. Fifteen Colleges were rethat we are college students we presented in the contest. Dr. Batt should be above such suspicion. of the A. C. acted as one of the But the pony, a little creature, judges on thought and composiwhich lazy people sometimes ride, tion.

has entered the realm of college life, not only there but everywhere takes the place of the litle things which we were reprimanded for in our childhood days is a thing which is to be deplored. Not only has this pony entered the college walls but it has been considered by many students who are otherwise considered of high standard as something that is no so bad and which may be used. Let us throw this pony aside and walk on our own feet for once and see if we do not get hru just as well and have a much better taste in our mouth when we receive our marks.

If some of the statements made on the Junior Annual in this issue are disputed we can only say that it is only because we did not wait until the book was issued to varify our notes.

It would be interesting if we could picture the varied emotions with which each student views the approach of the term exams.

The Spectrum joins with the Pharmacy men in their expression of regret that Dr. Brown is so soon to sever his connections with the College.

The last issue of the Student contained an article on "How to make Bread" which we respectfully refer to the Domestic Science Department.

The Governor has signed the new game law, and A. C. Nimrods will have to forego the pleasures of the spring duck hunt with

The establishment of the Esperanto Club puts the A. C. in a class with the largest and most progressive institutions in the

One of the results of the abolition of honor credits will be reviving of the popularity of elective subjects.

There is one man with a peculiar slavonic name that will undoubtedly avoid the A. C. in the

## Convocation.

Mr. Heyward, state inspector morning on agriculture in the highschools of North Dakota. In closing he emphasized the need of men and women fitted to teach agriculture domestic science, and manual training in the state high-

In the Iowa State Oratorical

## McKinney's

Ladies and Misses wearing Apparel Exclusive

COATS, SUITS, FURS, SKIRTS, WAISTS, CORSETS, GLOVES, HANDKERCHIEFS, F HOSIERY AND UNDERWEAR.

All goods fitted and Satisfaction guaranteed

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

HO Broadway,

# The North Dakota Agricultural College

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

## The Gollege Department offers five full Gourses viz:

Pharmaceutical Chemistry, Mechanical Engineering, Civil Engineering, General Science. Agricultural.

A Department of Education to train Teachers Has Been Organized.

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

For those who have not had such a training

## The Academic Department Offers:

TWO YEAR PREPARATORY TWO YEAR STEAM ENGINEERING THREE YEAR FARM HUSBANDRY

THREE YEAR DOMESTIC SCIENCE THREE YEAR PHARMACY THREE YEAR TEACHERS'

## A Complete Commercial Course

is offered all students and its work is so arranged that it may be carried in connection with the regular work of other courses.

## 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.

OFFERS five courses of study covering four years each, besides a short course of two years in common school branches. Military discipline throughout the courses.

## THE LABORATORIES

ARE THOROUGHLY EQUIPPED, and the instructors are specialists in their respective lines. Exceptional advantages are offered in chemistry, physics, botany, zoology, literature, mathematics, and engineering subjects.

Graduates from approved High Schools are admitted to the Freshman Class. Tuition free. Board and Room \$3.75 to \$4.50 per week.

WRITE TO THE PRESIDENT FOR CIRCULARS AND CATALOGUE

In the Department of Engineer- Man is a kerosene lamp: ing at Michigan there were two He isn't especially bright, thousand six hundred flunks, or He is often turned down, usually an average of two for each stu-

At Chicago the salaries of the Professors have been raised twenty-five precent. Heads of the departments now get six thousand and professors four thousand.

After the A. Y. P. Exposition is over the U. of Washington will find that it has a natural amphitheater, staged and seated and capable of holding 25,000 persons.

Mr. Richard Wenzel was the winning orator in the local contest at the University. The subject of his oration was "The German on the Ninth of April.

smokes,

And frequently goes out at night.

The soil chemistry class has finished soils and will spend the remainder of the term on the chemistry of the more common farm products. Typical grains will he studied among other things

Some of the Pharmacists who made the mistake of eating supper before going to the banquet had their capacities tested to the utmost, but not a man shirked his

You might get the impression ing to work.

SHOTWELL FLORAL CO. Everything in Cut Flowers, Plants Gold Fish, etc.

Send for Catalogue.

Fargo, - - - N. Dak.

By the I. S. C. Student we are lead to belive that they have a Darling at Ames also.

The dandilions are coming up. We are expecting Professor Bolley to unlimber his sprayer on some of the high spots of the Campus most any time now.

Those who can't tell harrowing stories of the lagrippe, mumps, or somthing equally bad are decidely out of fashion these days.

Professor Richards has finally American". He will represent the by a glance at the spring term convinced Mr. Cooper that dairy-Viniversity in the State contest schedule that the seniors were go- ing is more profitable than sheep raising.

## J. F. HOLMES & COMPANY,

Agents for

## H. S. & M. Clothing

Knox & Gordon Hats. Manhattan Shirts, Hannan, Packard & Regal Shoes.

100-102 Broadway ... . - - - - Fargo, N. Dak.

#### College Directory. 000000000 TUDENTS' ORGANIZATION

STUDENTS' ORGANIZATION	1
W. O. WhitcombPresident Kathryn GrestSecretary	100
ORATORICAL ASSOCIATION	
Leo P. Nemzek President Agnes Halland Secretary	
WESTERN I FACILE OF ORATORY	
Alvin Hansen, Yankton, S. D. Pres. C. O. Lee, U. N. D. Vice-Pres. W. O. Whitcomb, A. C. Sec'y & Treas.	1
W. O. Whitcomb, A. C Sec'y & Treas.	1 3
N. D. I. L. O.  R. A. Stever, Fargo College President	(
W. O. Whitcomb, A. C., Secretary ATHENIAN LITERARY SOCIETY	0
Margaret Magill	I
Earl Hunt Secretary PHILOMATHIAN LITERARY SOCIETY	t
PHILOMATHIAN LITERARY SOCIETY	1
J. Allen Clark President Mary Miller Secretary	1
HESPERIAN SOCIETY	1
Wm. Rommel President John Wentz Secretary	I
DRAMATIC CLUB	t
Edwal MoorePresident Grace LofthouseSecretary	r
V W C A	1
Sadie Barrett	0
V M C A	s
H. B. Darling	I
ACRICIII TURAL, CLUB	t
Burke Chrichfield President	r
J. Clayton RussellSecretary LYCEUM OF ENGINEERS	8
Tr C Parker	t
Leo Thien	T
Mahal Piers	f
Bessie Mc KeeSecretary	i
THE ME Limphrey President.	t
A. S. FlathSecretary.	
Pastia Wheeler President	c
Edwal Moore	a
Tan Namael President	r
Arthur Murphy	i
Bessie McKee President Mary Miller Secretary	
J. G. Halland	



Help to build up North Dakota by patronizing its Manufacturers. do when you buy of the Monson Trunk & Box Co., Fargo, N. D.

#### KEEP AWAY

From COWIE'S Barber Shop if you don't want the best work in the city.

## THEY KEEP COMING

for our work makes friends. Waldorf Bath and Barber Shop. P. F. Martin, Prop.

PRIDE OF DAKOTA FLOUR Fargo Mill Company

Fargo, N. D.

It is said that two derbies suddenly disappeared from the the publications and much greater Engineering Building last Thurs- benefit will be derived from them day.

No. 1 Broadway, Magill Block

**Palace** 

#### ......... GOOD TALK AT Y. M. C. A.

One of the best talks of the year was given by Dr. Knowlton of Fargo College at last weeks' Y. M. C. A. meeting "Choosing an Occupation." He first showed the importance of such a decision and be done and closed with a few while if only to widen the students tural College was brought out. conception of life and help him to see in what direction his abilities pointed. In closing he urged that members are urged to be present. the choice of a vocation should be made neither with a view to the Philomathian Program for March greatest financial returns nor on the other hand simply because fields, but should be made the inlividuals' natural tastes and abili

Dr. Knowlton showed a most and presented it in a clear logical manner which rendered it highly Original Story ..... nteresting and valuable.

## Y. M. C. A. ELECTION

The Y. M. C. A. nominating committee has nominated the following officers for the coming year Harold McKinstry, President; H. B. Darling, Vice President; Amos Ewen, Secretary; and Dean Mendenhall, Treasurer. The election will be held directly after the regular meeting to-morrow afternoon Mar. 17th. All members are urged to be present.

## ENGINEERS

At a short business meeting Thursday afternoon the Lyceum of Engineers made plans which Scientific Graduate . are expected to give very gratifying results during the coming term. A list of the periodical literature of a technical nature on file at the College was made and the various publications assigned to individual members. Each memwill then keep informed of the articles of special interest in his assigment and the regular meetings will be given over to discussions and reports on these articles. Thus all members will be able to keep in touch with the important articles without the labor of going over all than at present when no one can

FARGO, N., D

Clo.

Everything in Clo. & Up-to-date Furnishing

10 per Cent Discount to A. C. Students.

SPECIAL SALE ON SUITS AND OVERCOATS.

read but a small part of the large number on file.

Mr. Darling declared it unconstitutional for the society to break up without at least one picture, so the society posed on the steps of the Engineering Building while one was taken.

The first meeting under the new system will be held at ten thirty A. M. Saturday, Mar. 20. An interesting session is assured.

#### AGGIES ELECT.

At the business meeting of the Agricultural Club Friday evening the following officers were elected:

President ..... William Maxwell Vice President . . . . . Amos Ewen Secretary . Tunis O. Brandenburg Treasureer ..... John Brander Marshall ..... Dean Mendehall Critic ..... Edwin Traynor

#### Y. W. C. A.

The devotional meeting of the the individual responsibility in Y. W. C. A., Wednesday, March choosing a life work. He then 10 was lead by Ella Heidner and spoke of the time when this should Inez Herron. The subject was "The College Girl Christian from points to be considered in making a physical standpoint." The subthe decision. A college education ject was well handled and its remight well be considered worth lation to the girl at the Agricul-

> Next Wednesday evening will be Recognition Meeting and all

## 19th

Vocal Solo ..... Helen Norman workers were needed in certain Debate-Resolved :- that the prospects for the future growth of the A. C. are better than those for the University .: -- Affirmative McLain Cooper, John Brancomprehensive grasp of his subject | don. Negative :- Scott Stambaugh, R. B. Durkin.

> ..... Lottie Lockhart Prophecy of the times in the new dormitory ..... Elsie Pelsier Piano Solo ..... Lillian Pearson Business Session; Election of

## ATHENIAN.

The Athenian Literary Society will meet in the Society room Friday, March 19th, at 8:00 o'clock, P. M.

The following program will be rendered:

Roll Call

Tron Can	Quotation
Music	Selected
Paper-"	Selected
	Edwin Evingson
Recitation	pportunities of the
Talk-"O	pportunities of the

..... Clyde Bailey Music . . . . . Selected Extemporaneous Talks by Howard Darling, Charlese Michels, Fay Preston, Peter Olson, Albert Faust and Burke Critchleld.

Paper-"A Senior's Reminisence'' ..... Ross Babcock Music . . . . Selected



A. G. SPALDING & CO. The Largest Manufacturers in the World of Official Athletic Supplies.

FOOT BALL, BASKET BALL, ICE SKATES, HOCKEY GOLF.

Uniforms for all Athletic Sports. Official Implements for all Track and Field Sports.

## GYMNASIUM APPARATUS.

Spalding's handsomely illustrated catalogue of all sports contains numerous suggestions

Mailed free anywhere. A. G. SPALDING & CO. New York Chicago

for Men \$3.50 \$4.00 \$5.00 THERL is danger in wearing shoes with soft, spongy insoles—because this part of the shoe comes in direct contact with your censitive foot sole and upon it rests the weight of the whole body. Crawford insoles are cut from selected firm, closely-fibred hides in our No. 4 Factory which is maintained exclusively for the sole leather department. Crawford insoles never grow rough and uneven.
The Crawford combination of firm Insoler and of "bond" outersoles insures a permanently smooth bed for your feet! Ask your local Crawford Coaler about the other good points ford patented "Fredertate" lasts, "bond" cois loather, reinforced chanks, Craw-ford "ctay-up" box toes, and other opecial Crawford features.

Crawford Shoes contain many points of mcrit — that's why they are such a good shoe investment Take my advice and buy a pair of Crawfords! Charles Q. Eatow. CRAWFORD Charles A. Eaton Co. Brockton, Massachusetts

Scott Hall, 111 Broadway, Fargo, N. D.

## Have You Thoughtof an ELECTRIC CHAFING DISH

FOR MIDNIGHT LUNCHES

P. S. If a co-ed., how about an Electric Curling Iron or Flat Iron?. Curling Iron Heater ..... 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. Avenue

Headquarters for

FINE MEN'S CLOTHING and BOYS' WEARING APPAREL Sole Agents for

Stein Bloch Clothing, W. L. Douglass, Burt & Packard Florshiem Shoes : : : : : : : : : :

We carry the Largest Line of Fur and Fur Lined Overcoats in the Northwest

## OUT OF THE ORDINARY

This furniture store of ours is an "Out-of-the-Ordinary" store. "(ha of-the-Ordinary" furniture at ordinary prices.

## LEATHER COUCHES

New ones on the floor, so you'll choose from a Full Assortment of the Best Couches Made. We pride ourselves on our showing in leather gods.

## BOOK CASES

Now is the time to change to a larger one...or get a "Vi-

We are exclusive Agents for the

king" We have an elegant line in this stock.

HOOSIER KITCHEN CAB INET

A pantry, cupboard and work table combined. A Hoosier cabinet costs little and saves half the time and labor in the kitchen by grouping every article; all supplies at your finger's ends..no unnecessary steps. Let us tell you more about it

## Berastrom & Crowe Furniture Company,

121-123 Broadway

Fargo, N. Dak.

## Teachers' Club.

The Teachers' Club met Friday evening, March 12th. The first number was a piano solo by Miss Edythe Flewell which was much appreciated. Miss McCarty spoke upon Domestic Economy and its bearing in regard to education. Mabel Piers sang a vocal solo next Ole Neraal gave a short talk on Indusrial Education and Professor Weeks upon Value of Industrial Training. John Anderson rendered a violin solo. Professor Halland gave an interesting talk on Difficulties the teacher meets with and

many suggestions how to overcome them.

At the business meeting followed the program the following officers were elected: President —Ole Neraal.

Vice-President-Miss Hendrick-

Secretary-Olaf Hendrickson. Treasurer-Mr. Johnson. Critic -Miss McKee

## FOUT & PORTERFIELD

Druggists

THE LEADING DRUG STORE IN NORTH DAKOTA

WANTED-A RIDER AGENT IN EACH TOWN
sample Latest Model "Fanger" brevele (umlabed by un our pride and exhibits
of the control of Reep the bicycle ship it back to us at our expense at YOU WALL BE ASTONISHED than any other factory. We are ICYCLE DEALERS, you can

50 HEDGETHORN PUNCTURE-PROOF \$ A 80 SELF-HEALING TIRES 40 SAMPLE PAIR

NO MORE TROUBLE FROM PUNCTURES

make-SOFT, ELASTIC and EASY RIDING.

ead. The regular price of these tires is \$3.50 per pair, but for the vertising purposes we are making a special factory price to erider of only \$4.85 per pair. All orders shipped same day etter is received. We ship C. O. D. on oproval. You do not pay a cent until you have examined and found them strictly as represented. We will allow a cash discount of 5 per cent (thereby making the price \$4.56 per pair) if you of FULL CASH WITH ORDER and enclose this advertisement. We will also send one chel plated brass hand pump. Thres to be returned at OUR expense if for any reason they are to statisfactory on examination. We are perfectly reliable and money sent to us is as safeas in a ink. If you order a pair of these tires, you will find that they will ride easier, run faster, ear better, last longer and look finer than any tire you have ever used or seen at any price. We now that you will be so well pleased that when you want a bicycle you will give us your order. We want you to send us a trial order at once, hence this remarkable tire offer.

F YOU NEED TIRES Hedgethorn Puncture-Proof tires on approval and trial at the special introductory price quoted above; or write for our big Tire and Sundry Catalogue which seembes and quotes all makes and kinds of tires at about half the usual prices. IF YOU NEED TIRES Hedg

write for our big Tire and Sindry Catalogue which res at about half the usual prices; at look that the means a constant of the control of the DO NOT WAIT .

## J. L. MEAD CYCLE COMPANY.

CHICAGO, ILL.

Fred Birch, Sec't-Treas,

## S. Birch & Sons Construction Company

Incorporated under the Laws of Utah Capital \$50,000

GENERAL AND REINFORCED CONCRETE CONSTRUCTION

Offices: Salt Lake City, Utah; Fargo, North Dakota.

# Informal Reports

Interesting Discussions on Recent Advances in Science

Society Wednesday evening was devoted informal reports by the different members present. Fol- does not have the nauseating eflowing the reports, some time was feet that is characteristic of most devoted to a discussion of each medicines of the kind. report. Altho the attendance was small, the meeting proved to be a very profitable one to those pre-

## Bakolite

ly been discovered and which is found to be useful for various 1906 near Lincoln, Nebraska. articles. This substance is composed of phenol and formaldehyde, and is known as "Bakolite", from working as early as the 8th or 10th Dr. Bakman, who discovered it. it. There has been but very little became more abundant two other published in regard to this new substance except a paper which was read at the New York Chemi- found in it. cal Society on Feb. 5. It was from this paper that Dr. Brown ob- plant noticed. This never protained his information.

The uses to which "Bakolite" may be put are almost inumerable. the only ones being observed were In engineering use is made of it very small bees. as insulators, bearings, and one. The willows which person speaking of it said that he flowers were visited by many inhad even seen grindstones made of sects. this wonderful substance. It is claimed to be exceptionally good for bearings because of its hard- adapted to certain insects and each ness and great wearing qualities. insect to certain kinds of flowers. Buttons and many other articles Of course this will not always hold of a like nature are made of this true, but there is a tendency in substance. It gives a very good that direction. finish to wood that has great wearing qualities, and will with found two new genera of bees that third with some 6,551. Following were made as follows: Fear, Miss stand boiling without losing any he had not seen before and these of its luster. "Bakolite" is a very bees did not visit the other flowers Munich with 5,943, Naples with ness and Sociability, Mr. Murphy; inactive chemical which is not at-

tacked by acids or alkalies.

If all that is claimed for this At Polytechnic Society substance is found to be true, it will doubtless be of great value in many lines of work in a few

## New Anesthetic.

Dr. Putnam gave a few thots The meeting of the Polytechnic from an article in a medical journal in regard to a new anesthetic. It is claimed that this anesthetic

## Insects and Flowers

Professor Bergman spoke at some length on "The Relation Between Insects and Flowers." He spoke from experience and related Dr. Brown gave a short talk on only things that he had observed a new substance which has recent- during the summer. He did his first work in this in the spring of

On the yellow flowering parsley he found one of the native bees of April. Later when the parsley kinds of bees were found working on it, but no other insects were

The spring lily was another duces fertile seeds, and the number of insects visiting it was small

Mr. Bergman says that it seems as the each kind of flower is

When the vetches appeared, he

Bergman's talk Professor Bolley BULLETINS MAY HAVE mentioned the matter of some ex periments that had been conducted in his department to determine Prof. Bolley has Many Calls for whether crimson clover and alfalfa are wind fertized or fertilized by insects. Nothing very definite has been decided in regard to this latter question.

#### Catsups

Professor Remington related a few facts in connection with his work on the analyses of catsups and more especially that of benzoate of soda. It has been found that benzoate of soda is not injurious to the digestion, and it may now be used in tomato catsup if it is labelled. So that it now comes back to the same question as before and must be attacked by some way other than the pure food law. Mr. Remington showed two views on the screen which were taken from mycroscopic studies of some tomato catsups which he has been working on. These slides showed mold growth and bits of gravel. The mold was present in the catsup before opening because the mount was made immediately after the seal was broken. The bits of gravel are due to the poor quality of stock that is put into the catsups, in many cases peeling and decayed tomatoes being used. Tuberculosis.

Professor Bolley who acted as president in the absence of Dean Shepperd, gave a short talk on some work that has recently been done in the United States Department of Agriculture in regard to the distribution of tuberculosis. Altho this work was done by two young men in the department who carried their work in their own way it was sanctioned by the Secretary of Agriculture and published in bulletin form. This work goes to prove that tuberculosis is more contagious than is ordinarily supposed and that it is much more easily transmitted from one species to another than is usually considered.

Professor Doneghue will speak on the "Nitrogen Problems in Agriculture" at the next meeting of the society which will be held March 24th.

## DR. ERICH TSCHERMAK TO VISIT A. C.

Professor Bolley has lately recaived a letter from Professor Dr. Erich Tschermak of the Vienna Hochschule fur Bodenculture. Dr. Tshermak is one of the most noted of Austrian investigaters in plant disease and plant breeding. He writes that he and several colleagues expect to make a tour of the several Experiment Stations of the United States and that they specially want to look over the Experiment Station grounds of the North Dakota station.

Dr. Tschermak writes that he expects to be in North Dakota during July.

When Professor and Mrs. Bolley were in Vienna Dr. Tshermak made every effort to show them the type of work that was being done at that time. For this reason form.

## **EUROPEAN UNIVERSITIES** LARGE.

The registration of European universities far surpasses that of any American institutions. Paris In connection with Professor 4,912, and Leipsic with 4,241.—Ex. Curiosity and Secretiveness, Mr. cussions were heard.

TO BE REPRINTED

Bulletins Which are out of Print

The Department of Biology still receives numerous requests for Bulletin 80, which is practically out of print. This Bulletin proved to be of much interest to farmers all over the United States, and there are many requests for .it every day. The best the Department can do at the present time is to send out small circulars.

President Worst is considering the feasibility of reprinting a number of our different Station Bulletins and possibly all of the old ones. Many of the early Bulletins which the Station put out are the best ones.

Yesterday the Department of Botany received requests for 20 copies of Bulletin 68 - the Rust Bulletin - from the Professor of Plant Pathology in the University of New Hampshire. Also a request for 20 copies from the Nebraska University, and for 20 copies of the Weed Bulletin - No. 80 -These Bulletins are requested in large numbers because the different institutions have found them to be interesting for the Short Course students and use them as texts in these classes. It is believed that he Experiment Station cannot do better than to reprint two or three thousand copies of every bulletin which was previously published. Many of the bulletins which the Stations gained its reputation are now out of print, except a few numbers that are stored in the vault, and other experiment stations are now reaping credit on similar lines because of their extensive mailing list.

#### ADVENTUURES OF A THIRSTY WANDERER

Brave Knight Dares to Approach Science Hall After Dark

Last week he who keeps nightly guard upon the Creamery, growng weary of imbibing in buttermilk, sallied forth to find that with which to satisfy his unsatiated thirst.

Seeing a friendly light in the distance, and thinking that there he might find that he sought, the Knight of the Buttermilk proceeded until he came to the door of a dark building.

A vigorous rattle at the barred and barricaded door at first brought no response. Through the door glass shadowy armed forms rose up before him. Bravely the Lactic Knight continued the knocking.

"Who's there?" came the stentorian challenge.

"A weary one who wishes only that he might fill a small can with water".

There was a parley within. 'Sh-h-h'', asked Darling," shall we let this fellow in?" The Professor Bolley is hoping that decision was favorable, the door the Dr. reaches the Agricultural was cautiously opened and the College at a time when the field Knight filled his little can from experiments are in their very best the big can and the Juniors, their fears quieted, opened secret vaults took out the "dope", and proceeded with their work on the Junior Annual.

## IN PSYCHOLOGY

The College class in Psychology registers 16,000, while Berlin is have been having a study of husecond with 8,220, and Budapest man instincts. Special reports these are Vienna with 6,205, Ware; Anger, Miss Tyson; Shy-

BEIDLER & ROBINSON Lbr. Co Lumber, Cement Plaster and Fuel Phone 130L - - Fargo, N. D.

INTERIOR LUMBER CO.

Lumber, Wood, Coal

Phone 93. - - - Fargo, N. D.

## ATHLETIC and SPORTING Goods

General Hardware & Tools.



57 Broadway

Phone 1530.

## FARGO LUMBER COMPANY Lumber, Lath & Shingles.

Sand, Gravel, Cement and Plaster.
Mill Work of all Kinds.
122 N. P. Ave.
Phone 243
N. D.

## C. E. GREEN,

Dealer in Fresh and Salt MEATS

Polutry, Fish and Oysters in Season .

Phone 51-1

No. 105 Broadway, Fargo, N. D.

## DEWEY'S STUDIO Edwards Building

Will offer special inducements to Students during Jan. and Feb. See us about it.

## The Key City aundry

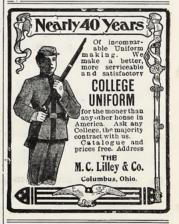
WILL DO THE BEST WORK TO BE HAD IN THE CITY

W. B. AUXER, Prop.

631 N. P. Avenue Fargo, N.D.

## J. E. JOHNSON CYCLE ...SUPPLY HOUSE ...

SPORTING GOODS, CUTLERY, Guns, Ammunition and Bicycles, 216 Broadway, Fargo, N. D.





## W. D. Hodgson's

is headquarters for Fargo City property and Cass County Lands.

Phone 125L Cor. Front & B'dw., Fargo, N. D.

Thomas; Acquisitiveness, Mr. Critchfield; Play and Imitation, Miss Rose. Some interesting disKINNEAR'S

The Home of

Good Shoes

60 Broadway,

VIKING HOTEL & RESTAU-RANT

Lindvig & Losness, Proprietors

Fargo, N. D. 420 Broadway - - Fargo, N. D.

THE FIRST NATIONAL BANK

of Fargo .

is glad to handle small as well as large accounts. 

## MERCHANTS' NATIONAL BANK OF FARGO

Capital and Surplus, \$125,000.00 United States Depositary

Safety Deposit Boxes for Rent. Interest Paid on Time Deposits N. A. Lewis, President

O. G. Barnes, Vice President

S. S. Lyon, Cashier

S. S. Lyon, Cashier

## FARGO NATIONAL BANK

Fargo, N. Dak.

UNITED STATES DEPOSITORY

Martin Hector, Pres. O. J. deLendrecie, Vice Pres, G. E. Nichols, Cashier 

M. A. Baldwin, Pres. W. C. McFadden, Cashier. F. C. Gardner, Vice Pres.

COMMERCIAL BANK OF FARGO.

General Banking Business Farm Loans A Speciality SStudents will be shown every possible courtesey. 

## "The Saving and Loan" No 11 Broadway

We Pay



Per Cent

Our Assets Are \$950,000

UPON SAVINGS DEPOSITS

## The Northern Trust Company

Capital \$100,000.00 Surplus & Reserve \$50,000.00 Geo. H. Hollister, Pres. H. P. Beckwith, Treas. B. I. Keating Secy. Fargo, N. Dak. 62 Broadway, `<u>^</u>

## Wheelock & Wheelock, Lands, Insurance, Loans.

Waldorf Block,

#### H. HARRINGTON, HARDWAR **3** -3 -Heating Stoves and Ranges

Fargo, N. D. & 

#### GO TO GEO. PIRIE

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

## 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,

## Red River Steam Laundry

27 9th Street North.

Give us a Trial-Work gauranteeed-If you are not satisfied let us know. See R. L. Sackett, A. C. Student Agent. F. H. Tilden, Prop. Fargo, N. D.

#### **\*\*\*** WALKER BROS & HARDY, FANCY JOB PRINTERS

Programs Walker Block, 1st Ave. North. Announcements, Etc. FARGO, N. D.

## 99999999999999999999999999 PERSONAL

Do you know him? Mr. Ruzin-

Hunter Heath left for his home at aGrdner last week.

Mr. and Mrs. Elmer May were visitors at Saturday basket ball

Some of the freshmen are busy rrangeing their class program.

Illness has absented Floyd Becker from the classroom during the past week.

Professor McAardle's mathematics classes have commenced their reviews and worries.

Chester Holkesvig was out of town on important business the first part of last week.

We are glad to say that most of the people that were sick last week are well again this week.

Professor Waldron's new press bulletins are now ready and may be had by applying at the post-

If all went well Professor Ladd of England.

Professor Arvold delivered his address, the "The Uncrowned Queen", at Mayville last Thursday evening.

In the absence of Mr. Hughes Mr. Lanxon has taken general charge of the department of pub-

Professor Slocum, too, has been under the weather for some time, but is now able to be around again.

Professor Beckwith is expected back from the East soon where he was recently called by the death bility of a proposed sewer. of his father.

The aldermanic election camp-Mr. Tibert is busy shaking hands

Mr. Paul Paulson of Northwood was down to see his sister Ida and friends at the College last Thurs-

V. C. Parker reports a strenuous Friday evening editing the Fargo Daily News in the absence of Editor May.

Mr. and Mrs. Wylie, friends of President Worst visited the College on last Wednesday. They were well pleased with our thrift.

Mr. Erickson is busily engaged transcribing detailed soil maps for the fourth biennial report of the Agricultural College Survey.

Professor Waldron returned Sunday from Valley City where he layed out the grounds about the court house at that city.

The March number of "Education", a magazine published in Boston, contains an article entitled "The Two Aims of High Schools" by Professor Wicks.

road to matrimony. Gossip has announced the engagement of Miss Newcomb and Mr. Evan Hall.

Rex Willard writes that he has been transferred from Brownsville to Laredo, Texas, where he will assist in the completion of the siol survey in that section.

Dr. Bell is already on the outlook for early flowers. A brave dandelion was observed looking other day.

## JONES'S

Home Made Candies

Ice Cream, Lunches and Hot Drinks. 230 Broadway - Fargo, N. D.

Competent Instructors

## **FARGO ROLLER RINK**

Afternoon Session, 2 to 5. Evening 7:30 to 10:30. MUSIC EVENINGS BY THE RINK ORCHESTRA.

E. D. Stuart, '01, received his PRESIDENT TAFT formal appointment as Superintendant of the Langdon Sub-Station last Wednesday. He left yesterday to take charge.

Mr. Hughes is at present confined in the hospital by an attack of risipilis. It is not expected that he will be back to College for at least a week or two.

Messers Flath and Foss, our two Senior Pharmics, will take the examination for registered pharmacists this week as will also Mr. Wilker who is a fresh men in the same course.

Otto Garske has been seriously ill with the typhoid at the St. eached London last Saturday and John's Hospital for the past ten is probably now busy in the courts days. He is reported as having North Dakota. improved but slightly as yet.

> Professor Willard went to Jamestown Monday to give a lecture in the city lecture course. The lecture was on special geological features in the vicinity of Jamestown.

> Secretary Yoder expects in the near future to change his residence to the city. The Farm House will be left in charge of Mr. Kennedy, the new farm foreman.

> Messers Lembecke and Stevens spent Saturday running levels from Francis Hall to ninth street. They were investigating the feasi-

Mr. Tibert accompanied the City Council to Fergus Falls on aign is waging hot in the city and last Thursday. The council went MORE DEMONSTRATION to investigate the proposition of the Ottertail Power company to furnish Fargo with electric pow-

> Mr. Churchill, who has been out inspecting the winter wheat, reports it in a rather poor condition as most of the uppers are dead. The winter rye, however, seems to be in a good condition.

Mr. Kulaas last week finished the construction of his furnace to be used in his cement investigations and now has the work well started. An important feature of the work will be the determination will have an assistant this year. of the duribility of the various cements in this climate.

## LANXON AND MAGILL WILL ORATE MONDAY

Varying from the usual procee-Rumor has it that another | College orator and John Magill, senior is now definitely on the who stood second for forensic honors, will at this time deliver their "Our Continued Comorations. mercial Supremacy" and "the Voice of the People".

The change will be a refreshing one and will be of benefit to the orators.

Mr. Tibert is at present busy the cold world in the face the other day.

## ANSWERS TELEGRAM

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*** 

Acknowledges the Receipt of Congratualatory Missive Sent at Banquet.

The White House, Washington Mar. 5th. 1909.

Gentlemen:-I beg to acknowledge the receipt of your telegram Mar. 4th, and thank the faculty and students of the North Dakota Agricultural College for their Kind words of congratulation and good wishes which I very much appreciate. Very sincerely yours, WM. H. TAFT.

The faculty and students of the North Dakota Agricultural, Fargo

The above was received last week by President Worst in answer to the telegram of congratulation sent to President Taft on the night of the All College Banquet which was the night of his inauguration.

#### GREAT DEMAND FOR INDUSTRIAL TEACHERS

The Department of Education is receiving numerous calls for teachers prepared to teach agriculture and manual training in the high schools of North Dakota and Minnesota. The combination agriculture and mechanic arts seems to becoming a popular one and those prepared to teach these subjects are assured of a position.

## FARMS ESTABLISHED

The legislature recently adjourning authorized the establishement of twelve more demonstration farms in various parts of the state. It is thought however that only ten of these will be started this year. This ten added to the twelve that are all ready in eperation will do much for the dissemination of the practical of agricultural science into all parts of the state.

W. R. Porter '06, who has general supervision of these farms N. B. Johnson of the Senior Farm Husbandry class will act in this capacity.

## STOCKWELL DEBATE

The Stockwell Prize Debate will dure upon next Monday morning be held upon April 23rd at 4:30 it is planned that the convocation P. M. Among those who have sigoratory will proceed from stu-nified their intention in taking, dents rather than from members part in the debate this year are of the faculty. William Lanxon, the following, Miss Magill and Moore, Messers Lamb Magill, and Gifford.

> Greek may be charming And French very well, But Latin's outrageous And German's ????

## A MODERN MIRACLE.

There was a young lady Van Strutter, Crossed a lawn in a terrible flutt-

A Goat gazing nigh,

Espied her go by And the villain turned to butter.



THERE IS A REASON for the steady increase in patronage at our Store

M. A. HAGEN, Jeweler.

8 Broadway -Fargo, N. D.

## DIXON

Laundry

307 Broadway

## **Ideal Theatre**

High Class Vaudeville.

EIGHT BIG FEATURES

Night Prices, 10 and 20 Cents.
Daily Matinee, 10 Cents.
3 Performances—2:30, 7:30, 9:00. Change of Program Mondays and Thursdays.

Place your laundry with Barrett at the corner grocery. He has the agency.

North Dakota Decorating Co. Practical Painters and Decorators. Dealers in Fine Wall Papers, Paints, Oils, Glass and Varnishes. Sign Painting, Fresco Painting. 306 Broadway, Fargo, N. D. Phone 699.

All Wool made to Order Suits \$14.25 up.

J. A. HANSON, Room 18, below Fargo Nat'l Bank. Samples on display at my office or that of J. T. Sparling, 819, 13th Str.

## 1000 Men Wanted

to stand in the barrel while Bergerson presses their clothes.

Room 18, Basement Fargo Ntl Bnk. Bld

## FARGO SEED HOUSE

... WRITE US ... Fargo, North Dakota,

•••••••••• TROY STEAM

## LAUNDRY

623 N. P. Avenue Tel. 236
Wagon goes everywhere.

A. J. Brown Company Interior Decorating, Painting, Exclusive Imported and Domestic Wall Hangings. 620 2nd Ave. N., - Fargo, N. D.

ELECTRIC LIGHT STUDIO

Photographs Taken by Day or Night : : : :

RATES TO STUDENTS Try Our Picture Postals at

#### REFEREE STEALS THE GAME FOR ST. JOHNS.

(Continued from page 1)

their victim but when he at last arrived the crowd had nearly all dispersed and those who were left deemed it unnecessary to do him permanent injury, although they did follow him down town just to make things cheerful.

### Credit to Team

Our boys played a fast game throughout the first half and are to be credited with their good work. In the second half they played harder than ever but the Phone 666 rank decision of the referee made them lose heart. The St. Johns men were a fast bunch but it is the general opinion that without the plucky Cricowski they would have fallen before the A. C. aggregation, or at least the score would have been a close one.

Lineup

St. Johns A. C. Dolve rf Streichner Clark lf Koppel Drummond Knous Haskins, W. Jershe lg Maluski Hall

A. C. 11;, final score St. Johns 30, A. C. 18.

Goals from field: A. C. Clark 2, Dolve 2, Haskins 1, Hall1; St. Johns Streichner 3, Maluski 3, Kappel, 2; Knous, 3.

Goals on fouls: A. C. Clark 5, St. Johns, Streichner 7.

awarded A. C. 1; St. Points Johns 1.

Officials, first half: referee, Murphy; umpire Cricowski second half: referee, Cricowski, Umpire Murphy.

Time of halves 20 minutes. The atrendance was about the largest of the year.

Tower City Game.

The prelude to the big game was played by the Tower City High School and the A. C. engineers. This was a close game resulting in a score of twelve to nine in favor of the visitors. The home team was outclassed chiefly in team work and indurance, this being due to lack of practice. Among them, however, were men who with training would make fast players.

The Tower City boys were fast and accurate with plenty of en-

Farrara, the well known flute soloist of Devils Lake will play with Dr. Putnam's nine piece orchestra at the Juinor Dance next Saturday evening.

## A Hint to Advertisers.

Any way you take it, advertis- thing, she died," etc. etc. ng pays. A mud turtle lays just as many eggs in a season as does A. G. Arvold, leader, S. V. Anderbunch at that, which is bound to er, Jerome Laizuire, Robt, Miller, be more of a mental strain; but Bert Haskins and Clarence W. the turtle doesn't advertise and Parker. I will be there to see the hen does, and the result is that it is done right. I have workthere's a hundred calls for hen's ed too hard to make this a suceggs in the restaurants where cess, to have it fall through at the there's one for the turtle's -Ex. last moment.

Heard in the Parlor.

Lane's jigger she isn't quite propriate for the tomb stone: ready!"

NOBBY CLOTHES FOR MEN AND YOUNG MEN

THE GLOBE CLOTHING STORE

520 Front Street.

LANPHER, STETSON AND LONGLEY HATS FLORSHEIM AND THE SELZ ROYAL BLUE SHOES

STRICTLY ONE PRICE Money Cheerfully Refunded

#### PORTENTOUS PERSONAL PARAGRAPHS PRINTED IN PRAIRIE PAPERS.

The Pacific Wave makes fun of some of its exchanges by printing teh following extracts:

How About it, Hedger?

Ask Hedge if he received a picture.—Evergreen (W. S. C. )

Bright Boy, Paul.

Great discovery. Paul Bhas discovered which eye Moses looks out of and Mac has verified the fact.—Student (U. of N. D.)

Perhaps Cold Feet. Earl Hall missed a few classes the first of the week on account of a sore foot.—University Argonaut (University of Idaho.)

Visitor at Cincinati.

The Saturday biology class had a very delightful visitor last week -a beautiful shepherd dog who made himself perfectly at home. -University Weekly News (University of Cincinati)

Hearsay.

What is the matter with Edmund Ross' ear? Prof. Conwell says it is a differential equation that got started but did not go all Score, first half: St. Johns 12, the way in. Prof. Gibbons says it is a problem that went in at one ear and now is coming out of the other. We think it is nothing but cotton in his head .- U. of N. M. Weekly.

#### Last Sad Rites.

Attention is hereby called to the fact that on Tuesday, March 17, at 2:15, p. m., will occur the funeral of Lucy White. Miss White, during her short stay in this world has made a host of friends at the College. She made a very healthy beginning but succumbed later to a severe attack of Poorworkites aided by Strictfaculatum. I heartily request each society to send representatives to this funeral, in order that dear old Lucy may gain as much fame and notoriety as possible.

The services will be held in the chapel and will be short and sweet. None of the long ones for ours. The Rev., Alfred G. Arvold will preach the sermon of the occasion and I guarantee all who attend, that I will stand over him with a watch and a club and force him to stop after 3 hours and 28 minutes of discourse. (of course)

I have made arrangements with Dr. Putnam to have the band there. Several appropriate numbers will be rendered, among them being "Hot Time," I don't know where I'm going, but I'm on my way," "The poor sweet

The pall bearers will be Prof. a hen, and lays them all in a son, John White, Ambrose, Bouch-

We will bury her on some se-Wafted from the third floor the cluded spot on the campus. Mr. following came to the ear of a Arvold asked me yesterday if the group of waiters: "Tell Miss Me- following epitapt would not be ap-

Poor Darling Lucy White, She made a darn good fight, But the work was such,

And the faculty so much, That really it was right."

Every one is extended the most cordial invitation. The following popular prices will be maintained: Adults, 25c, Children, 15c, Idiots, 3c, (cash or stamps) and Dogs 4 if accompanied by 2 reserved seat tickets.

Very Sincerely Yours. ED. J. MOORE, Jr.



on Suits, Overcoats, Underwear, Rubbers and Overshoes for

the next two weeks at

THE MODEL CLOTHING HOUSE, 63 Broadway, Fargo, N. D.



MODEL T. FORD TOURING CAR. 4 Cylinder 24 H. P., \$850, F. O B. Detroit. Send for catalogue or call on

# 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.

## METROPOLE CAFE

On N. P.Ave. to the left off Broadway. Orchestra 6--7 p.m. 11--1z p.m 

## THE HUB RESTAURANT

55 Broadway

Fargo, N. D

## Let A Master Metropolitan Tailor Make Your Spring Suit and Over Coat.

I have just received from The Royal Tailors of Chicago and New York the swellest line of spring Patterns you have ever seen, they represent the greatest cloth looms in the world. They are the pick of the woolen world, selected byLynx eyed buyers, form all the handsomest-cloth designs to be worn this season.

It will pay you well to see thesee cloth samples and latest styles even if you are not wanting a suit right away, and don't forget the vital joint about Royal Tailoring itself. The 500 cloth samples you see represent the One Line of sam-ples that stand for All Pure Wool and nothing else.

We will pay a dollar a thread for any cotton you will find in a Royal Tailor spring and summer '09 fabric.

Dare any other tailor in town make an offer like that.

A phone call on the undersigned will bring this line to your office or residence.

J. B. ASHELMAN, Sales Agent

Phone. No. 815

518 N. P. Ave.

## 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 abso lutely necessary, and guarantee satisfaction. Consultation free.

D. D. SULLIVAN, Optical Specialist,