

THE WEEKLY SPECTRUM.

Official Publication of the Student Council.

VOL. XVII. Number 10.

NORTH DAKOTA AGRICULTURAL COLLEGE, TUESDAY, NOV. 29. 1910.

PRICE 5 CENTS



Dean H. L. Bolley.

Prof. Bolley Returns From Eastern Trip

Visits Atlantic City and Washington, D. C.—Gives Four Addresses.

Professor H. L. Bolley has lately returned from quite an extensive trip in the Eastern states.

At the request of the president of the Paint Manufacturers' association he was in Atlantic City, Nov. 1 to 4 and met with a committee of that association formed for the purpose of aiding in the distribution of information which might tend to improve flax cropping conditions. The crop, as grown in the United States, being centered in a comparatively small territory, was greatly affected by the drought of the present year which extended over the whole flax territory, and, together with the soil diseases, which are gradually driving the crop out, these conditions have greatly interested the paint manufacturers, who depend upon linseed oil for the basis of their industry. A number of other associations also sent committees to this meeting among which were the Printers' ink, the linoleum, and linen industry people. Professor Bolley gave an address on the present conditions of flax cropping and indicated methods most liable to improve cropping conditions throughout the United States before the association on Nov. 2nd.

Professor Bolley was also a delegate to the meeting of the American Experiment Stations and Agricultural Colleges which met in Washington, Nov. 14 to 18. A number of other associations met in Washington at this time, among which were the Official Seed Analysts, the Society for the Promotion of Agriculture, and the American Society of Agronomy. Professor Bolley presented papers to each of these three organizations. A paper which created much interest was one upon the presence of hard seeds in alfalfa and clover. This paper was a compilation of the results which have been obtained by the various workers in the seed laboratory during the past three or four years and indicated that there is much hope that it will eventually be possible to perfect a simple treatment of clover and alfalfa seed which will cause the hard seeds to germinate without injuring those which are easily viable.

The other two papers read by Professor Bolley were entitled "Conservation of the Purity of the Soil" and "Effects of Steam Sterilization upon Old Wheat Soils."

Classy Program At Grand Sunday Evening

The following program will be given at the Grand theatre on Sunday evening, Dec. 4th, at 8 o'clock. This will be an especially interesting program and we urge our students to hear it if possible.

Interpretative recital by Mr. L. A. Boehmer, Miss M. L. Beard, Miss L. Steele of the Fargo Conservatory of Music, assisted by Mrs. E. R. Wright, Haensel and Gretel, a fairy opera by Adelheid Weite, with music by Engelbret Humperdinck.

Dramatis personae: Peter, a broom maker; Gertrude, his wife; Haensel and Gretel, their children; the Witch on the Ibenstein; Sandman, the sleep fairy; Dewman, the dawn fairy; children; angels.

Musical numbers performed—First act: (Home) First scene, Haensel and Gretel at home.

Second act: (The front) Prelude, The Witch's Ride; Sandman's song; evening prayer and angel pantomime.

Third act: (The witch's house) Dewman's Song; Nibbling Waltz. Third scene, the children caught by the witch; the witch's ride; the witch waltz and her death in the oven. Last scene, "When past bearing is our grief, God, the Lord, will send relief."

The attention of all is called to the next number of the Citizens' Lecture Course which is to be given by Bishop Quayle on Dec. 12th.

Big Thanksgiving Dinner At Dorm.

Thanksgiving day was duly celebrated with all the pomp and dignity of a state dinner last Thursday at Ceres Hall. A good many of the students taking their meals at the hall were away, some to their distant homes, some to the homes of friends in the city. Those that remained numbered 125 and it was for these that the management graciously set about to provide something for which they might feel thankful. Instead of having eight at a table as is the usual custom, the tables were assembled into two long ones each 60 feet in length. These were laden with a bounteous and tasty assortment of Thanksgiving viands that promoted good cheer and the proper spirit all along the line. The meal was not in response to contract but emanated from the management spontaneously in the hope of making it adequately supplant the meal that the student missed by not being home. An effort to counteract any feeling of melancholy was apparent. The success of this effort was evidenced at the close of the repast by the students rising and in unison voicing their appreciation of the kindly consideration shown them by the management, Miss Haggart and Mrs. Marshall.

Stevens Talks Bees To Polytechnic Society

At the meeting of the Polytechnic Society Wednesday evening, Prof. O. A. Stevens, of the Botanical Department, delivered one of the most interesting addresses of this season. The subject was "Bees and Their Role in Flower Pollination." In his address he gave the results of observations he had carried on during the past few years. The work was originally begun in northeastern Kansas and has been carried on in North Dakota during the past year. The structural adaptation of flowers for pollination was briefly reviewed after which a discussion of the families of bees was taken up. He reviewed the most important representatives of the bee families explaining their structural adaptation for pollen carrying. Towards the close of the talk some slides were shown illustrating the leg and wing structures of different kinds of bees. Mr. Stevens' talk aroused considerable interest and some time was taken discussing the different points suggested by the address of the evening. At the next meeting Prof. Martin of the Dairy Department will address the society on "Cheesemaking."

Domestic Science Makes Another Hit

Domestic Science has scored another victory. Drudgery has received another knock in the head. All play and no work is the promise of the future. According to the new scheme—the new idea—the old brunette dishrag is to be no more. All the tender associations and memories that hover around it are to be denied to the child of the future. Its course across our plate will be traced but a few days longer. Mother's old system must go. No more will the family table be lovingly spread for the Domestic Science explorers have discovered that this is a needless formality, a formality that is not only tedious but not in keeping with the tendencies of the times. Thursday evening the new idea was thrown into gear. The table and its equipage were ignored while their function was superseded by a yellow but otherwise respectable paper bag.

Into this receptacle a cold-storage ration was placed and tendered to the hungry and otherwise notional humans. The freedom of the parlor and stairway being proffered the mastication custom was observed according to the tastes peculiar to each. Thus were the conventionalities of our blundering ancestry felled with a masterly stroke. Domestic Science has at last untethered us from the aged customs of the past and we stand on the threshold of a new era, an era in which paper-bag luncheons and ease seem destined to reign. And the idea originated here.

Thanksgiving afternoon, a number of the college fellows were entertained in the parlors at Ceres Hall. Games, and all kinds of old fashioned stunts were indulged in. A pleasant afternoon is reported to have been spent.

Last week, Dr. Bell of the Department of Biology gave an illustrated lecture before the South Eastern Educational Association on the subject of bird study in the public schools.

Whitcomb Writes On "Historic Washington"

To The Spectrum: The first impression that a Westerner has of the city of Washington is quite different from that formed after he has spent some time here and has had the opportunity to look over the prominent features at his leisure. At first one is apt to be impressed by the fact that he is in the Capital City and that on every side are government buildings in which the various departments of the national government have their being. But aside from this there is something that has a more lasting and deeper impression as one becomes accustomed to the more prominent features and begins to realize that this is not only the capital of the United States but is also a place of unusual historical value. Here we not only have buildings and personal effects of historical value, but the very ground has a wondrous tale of history to tell—not history as the students of the world's history see things, but history as the people of American birth love to think of as the beginnings and struggles of a great nation.

As would naturally be expected, for people do not often appreciate things which have become familiar to them by association since childhood but prefer something of which they have heard and not seen, the citizens of Washington and vicinity do not take any especial interest in the things here which really have historical value, and, in fact, they think it rather odd that strangers should come here and take such an interest in such commonplace things as old buildings and estates of some of the great men of our country. Of course this is not true of all the population, but there are many who take this view.

Naturally one of the first points of historical interest that will be visited by the average person will be Mount Vernon, the beautiful place which was once the home of George Washington. A delightful ride in the electric cars out through Old Virginia and along the banks of the historic Potomac, the banks of which are literally covered with places of which we have either read or heard, takes us to this old estate which has thousands of visitors every year. The view from Mount Vernon is certainly magnificent, and one which no mere description can do justice. The buildings and grounds of this place are very well cared for by the Mount Vernon Ladies' association. The Mount Vernon estate was purchased by this association in 1860 for the sum of \$200,000, which was raised by popular contribution, and is now the property of the association and so of the nation. The rooms in which George and Martha Washington died are both well preserved with all the furnishings, as well as many other things of interest about the mansion. Among the other notable things about the estate which must not be overlooked is the tomb which contains the remains of the Father of Our Country.

A stop at Alexandria, Va., on the way back to the city will enable the visitor to see, among other things, the following points of interest which space does not permit of description: Christ church, containing the unaltered pew of George Washington and Robert E. Lee; the engine house of the fire company of which Washington was a member; and the Carlyle house, built in 1752, which was General Braddock's headquarters, and where Washington received his first commission. Then after leaving Alexandria the Old Chesapeake and Ohio canal, the first ground for which was broken by President J. Q. Adams July 4, 1828, comes into view. On the heights to the right may be seen the Arlington mansion, which was formerly the home of Robert E. Lee, and which is now a part of the National Cemetery where so many soldiers, both known and unknown, rest after their struggle in the civil war. Washington is reached by crossing the Potomac at the place where the Old Long Bridge, famous in civil war times, was located.

Undoubtedly the most interesting building in the city, historically as well as otherwise, is the capitol. Situated on Capitol Hill, this grand old building overlooks the city of which it is the center. It might be of interest to know that the cornerstone was laid by President Washington Sept. 18, 1793, but the building was not completed as it is today until 1859. The entire building covers three and one-half acres and the Statue of Freedom on the dome is about three hundred and ten feet high. Within the walls of this grand old building are many things of interest, from the numerous and magnificent paintings to the Presidents' Room, which contains the table on which President Lincoln signed the Emancipation Proclamation. Perhaps the most historically noteworthy

Forum And Herald Publish Line-Up

Shroeder, Grant, Cave and Edwards Are the A. C. Men Chosen.

The two leading papers of the state, the Fargo Forum and the Grand Forks Herald, have selected all-state football teams. In the two selections our squad lead four different players in the all-star line-up.

In the Herald's team Shroeder, Grant and Cave were selected. "Dutch" was picked for one of the tackles, Grant for center and Cave was placed at quarter-back. The Fargo Forum picked Shroeder to play one of the tackles and right guard. Edwards was selected for one of the guard positions. Considering the class of football played by the members of the Fargo College squad and the State University team, the A. C. is well satisfied in having four men selected for positions for all-state teams.

Basketball Practice Began Last Week

Monday afternoon Coach Rueber hustled his basketball squad out onto the Armory floor for the first practice of the season. Captain Darrow, Wheeler and Drummond, of last year's squad, were out and Bridge of last year's five is expected in school along about the first of the year. This gives the A. C. a good bunch to start with or to build up another championship team. Among the new men that are out for the squad there is a half dozen or more that will make good, strong bids for a berth on the team. Practice from now on until the Christmas holidays will be held every afternoon and during the Christmas holidays some practice will probably be held. The first game of the season will come about January 7th with Concordia College. A week or so later the team will probably start on the South Dakota trip.

DEAR PUBLIC.

Has anyone seen—the Spectrum's Society and Exchange Editors? When last seen they were in the best of spirits as far as could be discerned. Their whereabouts is a matter of deep concern. The lasting gratitude of the haggard and care-worn editor is the reward offered for their safe return.

thy painting is the Trumbull series consisting of four paintings showing historical scenes of the Revolutionary period.

"Stately simplicity" is the term which most aptly describes the White House with its snowy whiteness and large pillars. The cornerstone of this building like that of the capitol, was laid by President Washington, but at an earlier date, Oct. 13, 1792. Among the many things of interest found here may be seen collections of White House china of the various presidents, which prove a very interesting collection in that they show the taste of the various families and the styles of the times.

To the south of the White House may be seen the Washington Monument reaching toward the sky and keeping watch over the capitol, as the man for whom it was erected to commemorate his memory kept watch over the nation in its infancy. This monument, which is 555 feet in height, was begun by private subscription in 1848 and completed by congress and dedicated Feb. 21, 1885.

Perhaps the two other most noteworthy buildings at Washington, from the historical standpoint, are in connection with the memory of that grand, good man, Abraham Lincoln. These buildings are the old Ford theatre in which Lincoln was shot, and the house just across the street to which he was taken and in which he died. The former is occupied by some business firm, while the latter is preserved and is known as the Old Royal Museum. This museum is well taken care of and contains a great many things which were connected with the life of the martyred president.

This brief sketch of the historical phase of the capital of our nation is far from showing things as they really are and appears to a person that has lived in a comparatively new state with practically no historical features, but it is hoped that it may prove of interest to the readers of the Spectrum who have not had the opportunity of visiting the places mentioned. After all, it is not so much in looking at the details of things which are of historical value, for they are often disappointing in the extreme, but it is the associations which are connected with them that really prove of interest to the visitor.—W. O. Whitcomb.

Ceres Hall Girls Give Delightful Party

Last Saturday evening the young ladies at Ceres Hall gave a reception to an equal number of their gentlemen friends and in so doing gave a neat demonstration of what young ladies can do when once they attempt to entertain. The reception was held in the college armory and consisted in a variety of amusements, chief among them being dancing which was continued until a late hour. Those who did not dance enjoyed themselves in a variety of ways that the girls had provided for. Refreshments were amply supplied and proved to most inviting, particularly the lemon made in the kitchen at Ceres Hall. The hall was simply but tastily decorated, the manual labor in connection therewith being performed by Reginald C. acting under feminine hypnotism. The party was chaperoned by Mrs. Marshall, Miss Griffith and her sister, Mrs. Hill, of St. Paul. The gentlemen who were fortunate enough to be present are loud in their expressions of praise for the good time that was shown them.

Y. M. Turkey Feast At Men's Dorm.

Thursday evening was an event of the most enjoyable Y. M. affair recorded in our college annals. This was the supper in the men's dormitory. Guests began to come early in the evening and it was not long before the merriment began. A "breeze" game of football was one of the first attractions. Teams were chosen to represent imaginary and other colleges in this state, and when the list of names were exhausted the names of various big schools throughout the state were given to the competing teams. When supper was called almost every man had tried his wind at this wind-jamming football and incidentally developed their appetite.

Now came the crowning feature of the evening—a good old Thanksgiving dinner prepared as well as your grandmother or perhaps as well as your great grandmother, for Emily had provided it. She lived up to her reputation as a culinary artist and those of us who have been so unfortunate knows what that is. A keener group of appetites were never seen. Every one seemed to make it his particular duty to eat just a little more than the other fellow. Prof. Smith acted as pacemaker. "Polly" outdistanced all by a large margin for he is said to have had seventeen platefuls of turkey and dressing when the toastmaster called a halt. But there were plenty for all so all was well. Mr. McCall, who acted as toastmaster, called on Prof. Smith as the first speaker. He was followed by Prof. Ince, Prof. White and Prof. Bell.

Every speaker was at his best. One good story and joke followed another. They kept the whole crowd convulsed with laughter the entire time they spoke. Mr. Brandenburg ended the speechmaking with a reading which was to the point and rendered with the good fashion that is characteristic of Mr. Brandenburg. Rousing cheers were now given for Emily and Mr. McCall to whom was largely due the success of the feast. To Emily was due especial thanks for although indisposed she had worked untiringly to serve the best possible meal.

College songs were sung for a short time when some friendly boxing bouts furnished amusement until the time to leave had come and they repaired to their homes thankful for the pleasant evening they had spent and hoping similar gatherings might take place at least every Thanksgiving.

Mr. McMean's crew of men have attracted considerable attention during the past week as they were transplanting some of the large elms about the campus. The elms are 18 years old and reach to a height of 26 feet. At the base they measure 18 inches in circumference and have over a ton of earth adhering yet are easily picked up by the device that has been rigged up for the purpose. A considerable number of visitors during the week have collected about the device while in operation and viewed with considerable interest its achievements.

Prof. Ladd left on Thursday evening for New Orleans, where he will attend the National Pure Food convention. It opens Nov. 28th.

Last week Supt. Tibert had a crew of men engaged in repairing the breaks that recently occurred in the water mains near the Administration building. The repairs were made by students.



Leo P. Nemzek.

Nemzek Goes To Big Paint Factory

Mr. Leo P. Nemzek has accepted a very lucrative position in the East and will leave after Christmas to take up his new duties. Mr. Nemzek came to the A. C. in 1906 and registered as a sophomore. That fall he also started working in the Paint Laboratory where he has continued to hold a position ever since. In 1909 he received his B. S. degree. Last January he made a trip east and attended the meeting of the Master Painters' association in Pennsylvania. At that time he was elected an honorary member of the association. During the trip he went through all the important paint factories and oil mills and also examined the Atlantic City and Pittsburgh paint fences. This greatly aided him in his laboratory work and fence experiments at this station.

Mr. Nemzek was asked to take up his new duties in the East at once, but due to the reports that he is getting out he was obliged to remain until after the holidays. These reports include the results of this summer's work and the work of the last four years, including a photograph for each test and a large number of lantern slides. The John Lucas Co. is the firm that has secured Mr. Nemzek as chief chemist. He will have three or four chemists under him who will attend under his direction the analysis of raw material and the manufactured products while he will do research work on substitutes for turpentine and other costly constituents of paints. The John Lucas Co. is one of the largest paint companies doing business today and is located in Philadelphia.

Chemical Staff Banquets At Waldorf

The Chemical staff held their regular monthly meeting last Saturday evening at the Waldorf hotel and after a delicious supper and a general good time the staff withdrew to a private apartment where Dr. Dolt read a very interesting paper on some of the new theories in chemistry. The paper is reported to have been a deep one and one that could be fully appreciated only by those who are well grounded in chemistry.

Hoverstad Returns From Washington Meeting

Mr. Hoverstad attended the meeting of the Farmers' Institute Workers and the American Agricultural Colleges and Experiment Stations, held at Washington, D. C., last week. Mr. Hoverstad was chairman of the committee of institute lecturers.

Probably the most outstanding address of the meeting was delivered by Prof. C. C. James of Toronto, Ontario. The subject of his address was "The Problem of the Indifferent Farmer." One question that was discussed to some extent was the system of having agricultural experts in different localities of the different states for the purpose of traveling over his respective territory and making the farmer suggestions. At the meeting of the colleges and experiment stations, extension work was dealt with prominently. They recommend that extension work be given as much prominence as the station work. There seemed to be a strong opposition for the federal government giving aid to secondary schools.

NOTICE.

Hereafter the Agricultural Club will meet on Friday instead of Saturday nights as has been the customs in the past. The hour of meeting has been advanced to 7:30 to ensure an earlier dismissal. Remember the change of day and the time.

The large and flourishing class in Ptomanes, owing to an occasional review, are becoming thoroughly familiar with the subject.

THE WEEKLY SPECTRUM

Published every Tuesday of the school year by the students of the North Dakota Agricultural College, at the Farm Publishing Company, 207 Broadway, Fargo, N. Dak.

H. M. Dodge.....Publisher

Entered as second class matter September 28, 1907, at the post office at Agricultural College, N. Dak., 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

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Last week's Spectrum has made a history for itself. The edition was edited by the Freshman class and a distinctive, outstanding edition was the result. Since its appearance the whole of our readers have become more thoughtful some more gleeful, some more regretful. The few of our long haired philosophers have read with alarm the signs of the times. Celestial quotations have taken a slump. Even the Menu Editor has become active in a search for more "filler." Manifestations of life were never more pronounced within our borders. The whole pulse of our institution has been quickened, particularly in certain executive circles. More new courses have been inspired, particularly those of a disciplinary nature.

Many of our near-sighted subscribers, unmindful of the change of management, have rushed in with congratulations commending us for the positive improvements, while others equally unmindful of the change have intercepted our pathway with murderous intent. It was only by a series of skillful dodges and explanations that we remain intact and face once more the stupendous task of directing our befuddled brethren out of the morass of wrong impressions.

What is said to be a peculiar condition exists at the New Mexico Agricultural College. The students of that college publish a weekly paper but as yet no one can be prevailed upon to take the editorship. There's nothing peculiar in that, gentle reader. This to our notion is but a strong indication that the students of that institution are uniformly intelligent. It is only one of doubtful equilibrium that could be induced to become the target of criticism.

In compliance with the rules of this office, one of the faculty sent us notice of his intended visit Thanksgiving morning. We hastily prepared ourselves. He came and to our surprise had nothing to offer but pleasantries. The Spectrum or the name of the unnameable was unmentioned. At last we found something to be thankful for.

A prophet has arisen in our midst. He sprang up unannounced in the Freshman issue, and without our ever suspicioning that there was one in the state and this is a fertile state too. Apparently one of the infant societies claim him (we us HIM not knowing the sex).

When calmly and peaceably thriving how startling and disconcerting it is to be interrupted by the sudden BEWARE! BEWARE! of a youngster. Little did we think that a society so few weeks from birth would send us a prophet telling us whither we are trending. Little did we think that a grave and venomous danger lurked in the little pleasantries exchanged at the close of a fortnightly program. Little did we think that the only true road to society-success lay in the cold avoidance of all that makes life worth living. Ah, Athenaical! "thy fate is the common fate of all" unless you "can" your ladies. Thus hintheth the prophet.

With this issue the Spectrum has a new staff member to introduce to our readers. Mr. Robert Miller who has for the past two seasons aided edited the athletic events of this institutions has owing to the sickness of his father been called home to take charge of his father's business. This left a vacancy in our ranks which necessitated a new appointment. Because of his special qualifications, Mr. Cave quarter back on this years team has been induced to become a member of the staff. Mr. Cave comes far from being new to newspaper work. During his first year at Drake University at Des Moines, Mr. Cave was athletic editor, on the Delphic, the U paper. The following year he edited the telegraph and sports for the News of Des Moines and in his last year at Drake he was sporting editor for the Register and the Leader, two of Des Moines best papers. Backed by this experience our readers may expect

that our athletic interests will be ably looked after. Mr. Cave's brother is the editor of the Recreation Magazine.

In a few months the state legislature will again be in session. Wonder what they will do to us or for us this time.

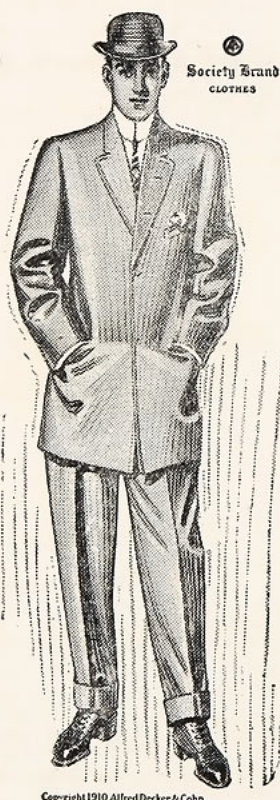
New Crack Squad In Military Dept.

Nearly all educational institutions requiring military drill have a squad of picked men who devote no small amount of time to an exhibition drill. The purposes of such a squad is largely to create greater interest in military drill. Such a squad and the work that it is able to do cannot help but bring good results and be an inspiration to the war department that has stationed an officer here and have gone to no little expense that the male students might acquire a knowledge of modern military tactics.

Heretofore we have had no squad at the A. C. Recently one was organized and a try-out held and the following men now constitute the N. D. A. C. Crack Squad: Ogaard, drill master; Peters, Holt, Powers, Rankin, H. Halland, Hess, Foley, Ellingson and Roy Dines.

It has been suggested that this squad make its initial appearance at the Grain Growers' Convention in January. Arrangements have been made for a dance and exhibition some time during the winter term. This squad deserves more encouragement than has been given it heretofore.

Mr. and Mrs. C. H. Plath, two more of the alumni, came up from their home at Morris, Minn., to spend Thanksgiving among local friends. Mr. Plath, who since graduation has been stationed at the Edgeley sub-experiment station, recently became connected with the high school staff at Morris, Minn., where he is instructor in agronomy. Both Mr. and Mrs. Plath are well pleased with their new location.



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John Woods, University registrar, was an A. C. visitor last Tuesday.

Secretary and Mrs. Yoder spent Thanksgiving at the home of Mr. and Mrs. Evan Hall, of Elbowoods, N. D. Mr. Hall, it will be remembered, is a member of the class of '08, and is a brother-in-law of Secretary Yoder.

Mr. Newcomb, a brother of Mrs. Yoder, spent Saturday and Sunday at the Yoder home and also accompanied them to Elbowoods where he is visiting his sister, Mrs. Evan Hall.

Miss Rittenskamp, of Vincennes, Ind., who has been visiting Mrs. Yoder for the past month, has returned to her home.

All students wishing to enter the College Declamatory Contest are requested to hand their names to Prof. Arvold as soon as possible.

During the holidays work has been progressing upon the new tennis court. Considerable clay has been hauled upon the ground.

Plans are being made for a National Political Convention which will be held by the students about Jan. 27, in the Armory. The proceeds from this convention will be placed in the hands of the Board of Public Speaking Control to be used in paying the expenses of inter-collegiate debates.

All students participating in joint debates, inter-collegiate debates, and oratorical contests will be requested to present a typewritten copy of their production to the Department of Oratory. These copies will be placed on file in the library.

It is always very gratifying to overhear on the streets of any distant city a kindly remark made by a stranger concerning any of our friend or acquaintances. Particularly gratifying is it to a student or alumnus to hear his Alma Mater's worth and position recognized by those who have attended or visited the place. It was an alumnus that last week overheard on the streets of an eastern city two gentlemen conversing in which one of them remarked: "I met a very fine man up at Fargo, N. D.; a Mr. Keene of the Department of Engineering at the Agricultural College there. He has one of the finest and most intelligently equipped laboratories I have seen." Visit this laboratory and see if the gentleman was amiss.

Rex E. Willard, '08, who is now assistant professor of agronomy at the New Mexico Agricultural College, writes to Fargo friends in an interesting manner concerning the work that is being done in that part of the States. The work that Professor Willard is largely interested in is the soil and experimental work in co-operation with the federal irrigation office. Commenting upon the N. D. A. C. events, he expresses pleasure in hearing that athletic relations have been resumed between the U. and the A. C. That these two institutions have recognized the good qualities of the other and are now working not so much for their own selfish interests as they are for the general uplift of all, in accord with Prof. Willard's views of what the function of two such institutions should be.

Dr. and Mrs. Putnam entertained a number of musically inclined guests last Thursday at Thanksgiving dinner. The guests consisted of a number of A. C. people, among them being Mr. Olaf Hendrickson and two sisters, Messrs. Anderson, Stenhjelm, Caldwell, and a number of down-town friends. Mrs. Putnam had her home and tables beautifully decorated for the occasion in a red and white color scheme. A tasty and well prepared five-course dinner was served, a dinner that elicited no little praise from those present.

Mr. Carr, of Ceres Hall fame, entertained a friend from out of town last Wednesday. Mr. Carr was also invited out of town to partake of a sumptuous Thanksgiving and at the present writing has not been heard from. Sad news would not surprise us.

Mr. Mark E. Heller, on account of a "bum" foot and "busted" finger, experienced considerable difficulty the past week in performing his reportorial duties. However, Heller is game to the core and stuck to it until every girl on the campus was interviewed.

Dean Keene of the Engineering Department, assisted by Harrison Bunt, has recently devised a neat device whereby a 16-candle power electric light may be gradually reduced down until only one candle power is produced. This arrangement has been placed in the Physics laboratory to be used particularly by the young ladies in Household Economics. With it considerable experimentation has already been done in which it has been found that by reducing a 16-candle power down to one the electricity used is not reduced to one-sixteenth but only about one-half. It follows therefore that reducing the candle power is not markedly as economical as might be supposed.

Miss Jessie Peterson, of the A. C.'s assisting postmistress gave a delightful little party Thanksgiving evening. The

guests of the evening were made up largely of A. C. friends. The evening was spent in song, music, storytelling and various pleasant pastimes. Physical refreshments were also served in the form of ice cream and cake. Miss Peterson's sister, Ethel, came down from Valley City to attend the event. After a most pleasant evening the guests reluctantly departed for their homes about 11:45.

Earl Robinson and Mr. Wasson spent Thanksgiving at the Robinson home at Strum, N. D.

Prof. Martin, head of the Dairy Department, has been secured to lecture at a Farmers' Institute which will be held at Grafton, Dec. 1st and 2nd. His subject will be "The Improvement of the Dairy Herd."

The class in Household Economics working in the Physics laboratory have recently been carefully computing the cost of heating flat irons by electricity. The irons are connected up and careful determinations made of the electricity used, the heat produced and variations in the efficiency as time elapses. This class through the aid of the exceptional laboratory at its command, is daily better fitting itself to cope with problems arising in the economical conduct of the home.

Next Saturday, Dec. 3d, there will be a Farmers' Meeting held in Fargo which will be of particular interest to nearby dairymen. The meeting originated with Dr. Dunham, the city's milk inspector, and has been largely promoted by him. Mr. R. F. Flint, the state dairy commissioner, from Bismarck, will be present and will address the convention. Prof. Martin of the A. C. will also deliver an address on the feeding of dairy cattle.

"Assistant Postmaster" McCall and his staff have been busy during the past week in designing Y. M. C. A. posters. Mr. Pearson, the turkey artist, was first chief assistant, and the character of his work is beyond description.

Dr. Putnam's Thanksgiving vacation was more active than passive, since from Wednesday to the end of the week was spent in conducting his orchestra at the following places: Mapleton, Wednesday evening; Casselton, Thursday evening; and Argusville, Friday evening.

John Anderson, the college engineer, who as a side issue is superintending the sinking of our new well near the power house, reports that a depth of 117 feet has already been reached. Last Friday a rock was encountered but a blast of dynamite quickly obviated the obstruction and permitted the work to progress.

Prof. C. B. Waldron and his son, Clarence, spent Thanksgiving as the guest of Supt. L. R. Waldron of the Dickinson Experiment Station. After enjoying the pleasures of the day at that place a trip was taken to Sentinel Butte the following day that the beauties and natural wonders of the Bad Lands might become familiar to the Junior Waldron.

The senior class in engineering spent a busy day Saturday making efficiency tests on various gas engines in the Gas Engine lab.

Keith McGuinn, an old A. C. student, has recently been heard from and is at present located at Powell, Wyoming, in the government reclamation service. Mr. McGuinn anticipates that operations will be continued throughout the entire winter.

In the absence of Miss Dynes, Miss Cockburn kindly rendered the Spectrum a valued service in helping in the production of this issue. Thanks, Miss Cockburn. Come again. Bring some fudge.

Ceres Hall Notes.

Among the girls who went home to spend their Thanksgiving vacation were Misses Marion and Mabel Cox, Frazier Hume, Dolve, Thompson, Steidsmen, Grace and Edith Shelton, Hofstrand, Alm, Dynes, Puntun, Gunness, Steroden, Morrow, Koehler, Riemer.

Miss Mary Gibbens, from Cando, spent the vacation visiting her sisters and brother.

Miss Josephine Keene visited in Moorhead during vacation.

Mr. and Mrs. Hammond were guests of Mrs. Marshall at Thanksgiving dinner.

Miss Mae Englehorn spent vacation with Miss Beatrice Alm at her home at Hankinson.

Messrs. Verne and Walter Marshall arrived in Fargo a week ago Sunday and spent the past week visiting their mother. Verne leaves Monday for Chicago while Walter is as yet undecided whether he will return to school or not.

Miss Madge Baker spent the vacation visiting Miss Ida Billings, of Lisbon.

Miss Bergett stopped off Friday on her way home, at Montevideo, Minn., to visit her friend, Miss Margaret Mikleson.

Mr. Fred Haines, from Towner, N. D., has been visiting Miss Florence Kermott.

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Miss Anna Lindberg returned to school last Monday after a week's illness.

Peter J. Olson was a guest at Ceres Hall two or three times during the past week.

The pressing and fudge room has been opened the past week.

The floors in the Home Economics Department have been oiled and polished during the past week.

ATHENIANS STAGE

ANOTHER PLAY

One of the latest events of this term will be the play "A Dramatic Evening" to be given by the Athenian Literary December the seventeenth. This is a lively farce which should keep the house laughing the entire evening. The characters are:

Mr. Perkins.....Reginald Colley

Mrs. Perkins.....Addie Stafford

Mr. Bradley.....John Dinwoodie

Mrs. Bradley.....Marion Cox

Yardsley.....Mark Heller

Barlow.....Clarence Williams

Jennie.....Beatrice Alm

Rehearsals have already begun so by Dec. 17 A. C. students can expect to see a very creditable play given by home talent. The play was written by John Kendrick Bangs.

Among the homecomers for Thanksgiving was Miss Tena Grest who has been at Bemidji, Minn., since the beginning of the school year. Miss Grest is an A. C. graduate of last year's class and took her first position as head of the Domestic Science Department at the high school at Bemidji, a city of 8,000 population. The department is a new one in the schools so Miss Grest has had the equipping and beginning of the work in several fine new rooms. She has a total of nearly 200 girls taking work under her and with their help has won her way to the hearts of the people by superintending several banquets given under the auspices of the school.

C. A. Michels, '09, came up from Fergus Falls to spend Thanksgiving with friends about the college. "Mike" is meeting with great success in his line of work at Fergus Falls. Yesterday he began a two weeks' farmers' institute tour during which time he expects to lecture at 48 different towns on the subject of selection of potatoes and corn for seed. He left Fargo Sunday morning.

P. J. Olson, '10, was another of the alumni who came back to the A. C. to visit during the Thanksgiving recess. Mr. Olson is teaching in the Agricultural High School at Alexandria, Minn., and is very enthusiastic over his work. This week he goes out through Minnesota on a speaking tour in connection with the farmers' institute.

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ty-fusty patterns but on the best
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PERSONALS

The food department is engaged in
analyzing a large number of samples
of catsup.

Mr. Sattre, who has been doing field
work since the middle of November, is
still busily engaged and will not com-
plete the work until after the first of
December.

Dr. R. E. Shigley, of Kenmare, was
a caller at the college last Thursday.
Dr. Shigley worked most of the sum-
mer for the Stallion Registration Board
and was on his way to Chicago to at-
tend the International Live Stock Show
and to do some research work.

The posts and wire for the new ath-
letic park have arrived and the work
will begin as soon as the ground is in
condition for the setting of the posts.

H. P. Remington, one of the leading
attorneys of Ashley, N. D., spent
Thanksgiving with his brother, Roe E.
Remington. While here, Atty. Reming-
ton was given the third degree in Ma-
sonry.

The Breeders' Gazette has made spe-
cial subscription rates for students of
the college. This is a paper that should
be read by all students wishing to keep

informed on the happenings in the agri-
cultural world. It always contains ar-
ticles that are of educational value to
students that are interested in any line
of agriculture. They are now given a
chance to obtain the paper at a price
that will appeal to them all. Any stu-
dent desiring a subscription should call
at Room 6, Francis Hill.

Under the skillful guidance of a fair
co-ed, "Dutch" tied her shoe, tipped
his hat, and walked on with the expres-
sion that conveys the idea that he is
accustomed to the graceful art of shoe-
string manipulation. "Giff" talked to
himself.

The Spectrum sparrow while hover-
ing around under the eaves of Ceres Hall
incidentally caught onto the method of
invitation distribution to the lads who
attended the party Saturday. Here it
is. Each girl was to hand in the names
of two boys as first and second choice,
all of the first choice and those who
were second twice or more were picked
until the desired number was reached.
This happened about 2 o'clock p. m. and
a general discussion followed until six
when the boys received theirs. It will
ever be thus—"the survival of the fit-
test." Hurrah for Darwin!

Dr. Schalk, president of the National
Council of the Alpha Psi fraternity, left
Wednesday afternoon for Chicago,
where he will meet representatives from
the several local fraternities. A busi-
ness session was held Friday and on
Friday evening the business council,
with all visiting brothers, attended the
horse show. Affairs wound up on Sat-
urday evening with a swell banquet. Dr.
Schalk returned to the Twin Cities on
Saturday and spent Monday with Dr.
Reynolds of the Minnesota Farm school.
Equipment there was inspected, and the
local swamp fever condition discussed.

Hog cholera work in the Veterinary
Department was brought to a close
Wednesday afternoon. The work this
summer was very satisfactory. Dr. Har-
ris will visit several serum plants early
next spring, and the work will again be
resumed next May.

Miss L., who had been trying to iden-
tify the several fats in tallow by their
characteristic crystals, after many fail-
ures joyously exclaimed to Prof.
White: "At last I have obtained some
mutton crystals!"

The Freshmen "busted" up the Sopho-
more party on last Wednesday night,
but as fate would have it, the poor
Sophs were all at home unconscious
of the dastardly deed that had been
committed.

Below we print a little missive that
was picked up not long ago in the Ceres
Hall dining room. It was addressed to
a young gentleman who evidently was
experiencing considerable anxiety in re-
gard to the future seating arrangement.
For the sake of sparing the blushes of
the gentleman in question and also
those of the fair signer of the note, we
withhold their names. The note reads:
"The girls at your table next week, to
the best of my knowledge, will be:
Ruby Gibbens, Ruby Head, Ethel Rob-
erts. My price for such information is
a package of gum.—E."

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Sure! The Sophs are going to have
a basketball team.

Miss Jessie Peterson is enjoying a
visit from her cousin, Miss Stella Os-
trom, from Evansville, Minn.

Mrs. Burke Critchfield is still at the
hospital but is slowly improving.

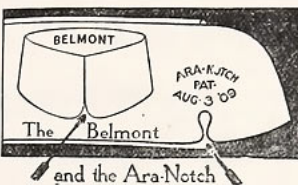
It is now assured that a lecture by
Champ Clark will be one of the num-
bers of the Citizens' Lecture Course.

During Thanksgiving week Miss
Griffin has been enjoying a visit from
her sister, Mrs. J. J. Hills, of St. Paul.

Dressing sacques must not be worn
in the dining room nor in the parlor.

Signed

In a recent interview with Mr. Mc-
Means he states that he has over one
hundred chrysanthemum plants, which
include fifteen varieties. One of the
most beautiful is the L'Africain, which
is of a rich dark maroon color. An-
other is the Col. Appleton, a beautiful
yellow. Other varieties of especial mer-
it are the Mrs. Jerome Jones, a cream
white; the Balfour; the Yanoma, a Ja-
panese specimen. And last but not least,
the Taft. Mr. McMeans states that
next year he expects to have at least
three times the amount that he has this
year. The collection is one of excep-
tional beauty and no lover of flowers
can afford to miss seeing it.



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lars"

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you ought to
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