

# THE WEEKLY SPECTRUM.

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NORTH DAKOTA AGRICULTURAL COLLEGE, TUESDAY, NOV. 1, 1910.

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## Second Eleven Wins Over Mayville Normal

Last Saturday at Mayville our second team defeated the State Normal School team of that place by a score of five to nothing. The game was hotly contested throughout and until the last quarter was a score made.

From the opening of the game the A. C. team had the best of the argument and at no time during the first three quarters were they in danger of being scored upon. Mayville kicked off against the wind and the second team, after playing one end run and two forward passes had the ball upon their opponents twenty yard line. They failed to score however, and the Normal kicked out of danger. At the end of the quarter the A. C. had the ball on Mayville four yard line but lost it here and at the beginning of the second quarter the Normal team kicked out. On a triple pass from Ewen to McKee to Oblinger the ball was advanced forty yards but on the next few plays Mayville braced up and prevented a score. In the third quarter the second team took the ball within five yards of a touchdown but were held and failed to score. It was in the first half of the last quarter that A. C. scored, Mayville had possession of the ball on their own twenty yard line when they fumbled it. Carr broke thru the line, picked up the ball and carried it across the goal line. Goal was not kicked and the score was five to nothing. For the remainder of the quarter Mayville played fine ball. Three times they had the ball on the A. C. three yard line and first down and each time our fellows held them. The game ended without a score for Mayville and with five for A. C.

Schranz, Ewen and Oblinger, were ground gainers for the A. C. & in the line, Smith a new man, showed up in good style.

The A. C. line-up:

Ewen, fb; Schranz, rb; Ostby, lb; Bruce, McKee, qb; Oblinger, (Capt.) re; Witzten, rt; Martin, rg; Larson, c; Smith, lg; Carr, lt; Peterson, le; Browler, sub.

Holkesvig, Dr. Lommen, referees.

## Weeks Writes For Educational Review

TIMELY SUGGESTIONS ON EDUCATIONAL PROBLEMS OF THE DAY.

In the October number of the Educational Review Professor Weeks of the Department of Education has an article entitled "Ways in which the higher institutions may serve rural communities." The article contains various suggestions that should be of special interest to students in this college.

The backwardness of the country is briefly touched upon. The country takes poor commodities, poor preachers and poor teachers. The city gets the best.

Education and legislation are the two chief means of improving country conditions. The farmer has never been favored in legislation as have other classes. We need more laws benefitting the farmer.

The study of public questions at state institutions is regarded as important. Public opinion should be formed under the influence of studies of social questions in the schools. The schools are too often lacking in civic influence.

There should be close study of the actual conditions of country life. There are a great many questions of farm life that should be studied by research methods. One problem suggested is the relation of housework on the farm to insanity.

Extension work is highly commended. "There should be a traveling faculty on the firing line at all times." The publishing side of the colleges means much to the general public.

A strong plea is made for increasing the attendance at high schools and colleges. There is no method so effective for improved conditions as attendance at schools. The most favorable opportunity for rebuilding society exists when the individual is brought into the higher schools. Civilization requires that every school should reach every possible student.

Some of the points raised might well be taken up in debates by our students as a means of better defining our ideas of the remedies for poor rural conditions.

## Halloween Party A Great Success

On Saturday evening of last week occurred the Halloween party given by the Y. M. C. A. boys in honor of the Y. W. girls. The gym was especially fitted up for the occasion in such a manner as to facilitate the pulling off of the various stunts that the boys had in store for their guests. As the guests entered the shadowed passageway they were unnerved by the uncanny presence of ghosts, Ku Klux Klan and members of various black hand societies. Once within a different scene presented itself. Gayety and clowns were to be seen on every hand. In every corner was a stunt or some kind being pulled off to the amusement of the crowd. The menagerie was an especially strong feature and particularly the large herd of meek and innocent looking dromedaries. The famous fortune tellers Mme Shelton, Halland and Alm had their tents densely crowded by those who sought information concerning the future. Here the blushing and anxious maid had light shed upon the future and the awkward and well meaning youth found needed encouragement. These ladies saw into the past and future with a clearness that was amazing.

The plantation scene, the minstrel duets together with the hen solos were all enacted in a realistic rural fashion. The pleasures of the evening were temporarily broken into by a highly nervous student becoming mentally deranged and omitting shrieks of "Go-far-go far-go-fargo." Relief was speedily summoned and "Dr." Brandenburg, the eminent surgeon from the Veterinary Department responded. The patient was placed under an anaesthetic and the "Doctor" skillfully made an eighteen inch incision on his enlarged cranial tubercle. After carefully adjusting the cogwheels therein sanity reappeared and with it an unbounded enthusiasm for the A. C. The crowd caught the spirit and N. D. A. C. Zip! Boom! Bah! resounded thru the hall after which preparation was made for the leave-taking. The Y. W.'s assembled and in a chorus inquired "What's the matter with the Y. M. C. A.?" The echo came back "They're all right." And so they are, judging by the entertainment they provided.

## College To Have Own Water Supply

JOHN ANDERSON UNDERTAKES TO SINK AN ARTESIAN WELL ON CAMPUS. A MUCH NEEDED IMPROVEMENT.

For years Fargo has been dependent on an artesian well to supply its people with drinking water. The water from these wells have not been piped thruout the city but has been hauled and peddled out by men who have made that their business. The system has been unsatisfactory but not enough to provoke the people thus far into co-operating and installing a system more in accord with modern ideas. The college being practically a part of the city has struggled under the same system and ever since its founding has hauled all the drinking water used by the school. But at last a strenuous effort is to be made to get an artesian well of our own, one that will supply all the wholesome drinking water that will be needed in the years to come.

Mr. John Anderson, Superintendent of Heating and Lighting has undertaken to give us a well and if an artesian well is within reach it is felt that Mr. Anderson will produce it if any one can. He has already erected a tower and has everything in readiness to begin work as soon as a fixture of two arrives. A very ingenious device has been rigged up by Mr. Anderson by which a gasoline engine is to furnish the power and at the same time be under the immediate and instant control of the drill operator.

The well is to be located about 25 feet from the west side of the power house and should water be secured in sufficient quantities a steam pump will be operated from the power house and the water problem will be solved. This will do away with the necessity of having a man and team on the road daily hauling water to supply the tanks located in each of the buildings.

Success to the man behind this enterprise.

Scott Drummond is doing the drafting on a soil survey map for the Department of Geology.



EDWIN TRAYNOR, RAY S. TOWLE AND PETER J. OLSON. THE DEBATERS WHO WERE AWARDED CHARMS YESTERDAY AT CONVOCATION.

## Stock Judging Class Visit Col. Powers' Farm

Last Saturday the advanced stock judging class under the charge of Prof. Richards took a trip to Leonard, N. D. to visit the Helendale Stock Farm. This farm is owned by Col. Powers who was at one time President of this institution for about three years. There were fifty members of the class who took the trip and they left Fargo at 8:40 A. M.

The class was met at Leonard by Mr. Powers and one of his men. Most of the boys decided to ride out in the grain tank instead of the buggy as the day was quite cold. The farm is seven miles south of Leonard and the clock indicated twelve at their arrival. They were shortly ushered into the large dining hall and a most appetizing dinner was served. The "dorm" boys could easily be pointed out by the avidity with which they attacked everything within sight. After the meal all were entertained by several songs rendered by Col. Powers' little grand children.

The situation of this farm is almost ideal for stock raising and is a beautiful place situated near the Cheyenne river. The stock here is raised from the commercial standpoint and very little attention is paid to grain growing. The stock was a fine sight as nearly all had been graded up well in the scale of pure bred stock. The first ring was made up of twenty steers of the feeder type and in the ring were three steers to be picked and also the best steer was decided upon. Two other rings of other steers were placed, one was classed as young fat beef and the other as finished beef. Each class contained some very fine steers that would be a credit to any stockman.

A ring of farm horses was placed and also a ring of yearling colts. The scenes of Saturday in the large barn yard of Col. Powers might have been mistaken for a small country fair as several of the neighbors were present to witness the work. The sheep and the swine received some attention but the time was all too short and at 4:15 the class gathered for a rousing cheer for Mr. Powers and then started for the station. Songs were sung as the seven miles were retraced. The train happened to be on time and the class came back to Fargo voting Mr. Powers "a right host" and the dinner "the best for months."

## Geological Department Makes Soil Survey

Altho the field work of the soil survey carried on by the Geological Department was brought to a close, Harold McKinstry is being retained to make the mechanical analysis of the soil types collected and to prepare his maps for the biennial report. The analysis is being done in Prof. Donchue's laboratory since Prof. Hard is sharing his own laboratory with Prof. White.

Altho ten townships were surveyed in Kidder County, only eight types were encountered. As about three of these types cover nine tenths of the area it is seen that the soil is very uniform. The extremely dry season just passed has struck this region very hard. This is largely due to the fact that the sub-soil, is very poor, being sandy to great depths over much of the area. This along with the unwillingness of most of the farmers to use dry farming tactics, accounts for the almost absolute failure of this years crops in that locality.

In the New Salem area the soil is heavier and conditions are much better, however this is largely due to the fact that the more thrifty German population keep many cattle, chickens and other live stock. These afford them a good living in spite of this years light grain crop.

## Last Years Debate Team Receives Charm

Yesterday for the first time in the history of the institution members of a college debate team were presented with the official monogram of the college, thus putting debate on the same footing as the various branches of athletics in which students who represent their Alma Mater are awarded monograms.

The presentation of the medals was made by Pres. Worst and those to receive them were Messrs P. J. Olson, Edwin Traynor and Ray Towle who composed the winning team in last year's debate with the South Dakota State College. Mr. Olson was not present but the other two members of the team received their awards in person.

In design the monograms are most attractive being in the form of a watch charm of solid gold. On the face of the charm is the great seal of the college beautifully finished in gold, and green enamel, while on the reverse side is an inscription giving the name of the debator and the debate engaged in. In future similar charms will be awarded to all those who win places on the first debate teams and this first official recognition of those who represent the college in such contests marks the beginning of a new era of growth and conquest in the field of forensic activities.

## ZIP! BOOM! BAH!

A special train may be secured for the Grand Forks game provided 156 students sign up not later than noon Round trip fare \$3.90. The best time of your life assured. See Colley, McCall or Holkesvig at once. "FALL IN!"

## Class Elect To Students Council

During the past week the various classes at the college entitled to representation in the Students Council have met and selected their representatives. This year the Students Council consists of thirty members, twenty from the college classes, six from the High School and one from each of the short courses. The officers of the Council this year are:

President—L. D. Gifford.  
Vive Pres.—Ben Barrett.  
Sec.—Addie Stafford.  
Treasurer—Amos Ewen.

Below are the members of the council arrayed as they represent the various classes:

SENIORS: LeRoy Gifford, Agnes Halland, Henry Reddy, Max Harrington and Edwin Traynor.

JUNIORS: Amos Ewen, B. H. Barrett, Addie Stafford, Blanche Moyer and Frank Darrow.

SOPHOMORES: Reginald Colley, Wm. Rommel, C. C. Whitson, Mable Cox and Arthur Ogaard.

FRESHMEN: Edith Shelton, Roy Dynes, Robert Pierson, Leo Horst and Floyd Caldwell.

HIGH SCHOOL.  
Third year:—Lloyd Edwards and Laura Bohnsack.

Second year:—Worth Couey and Barbara Heidner.

First year:—Keith Sherman, and Thelma Duncan.

Farm Husbandry: Mark Brindle.  
Power Machinery: Richard Walker.

The friends of Keeney and Nash should not mention anything about the results of the U and Fargo College game while in their presence. It makes them sick.

## Judge Not Lest You Also Be Judged

(A Continuation of Prof. Churchill's Convocation Address.)

A certain kind and degree of spirituality enters into the larger part of even the most ordinary life. You can carry on no business without some faith in man. You cannot even dig in the ground without some reliance on the unforgotten results. You would not plow and harrow and seed if you did not have faith in the coming harvest. Faith in the ability of the seed to sprout and send forth its leaves in the sunshine there to develop a hundredfold, and faith in some beneficent power to furnish heat and moisture for the developing plant.

Most men have sentiments but not principles. The former are temporary sensations, the latter permanent and principles. The former are temporary general and involuntary and do not rise to the character of a virtue. Everyone feels them. They flash up spontaneously in every heart. The latter are rules of action and shape and control our conduct. It is the old history of human deficiency, that we approve the right but pursue the wrong. No one praises injustice, wrong, oppression, gossip or slander. Yet how many who condemn these things are themselves guilty. It is no rare thing for him whose indignation is kindled at a tale of wicked injustice, cruel oppression, or base slander to be more unjust, cruel, or slanderous of others. It is amazing to see how one can talk of virtue and honor whose life denies both. It is curious to see with what marvelous facility many bad men quote scripture.

Let us be just in judging other men's motives. We know but little of the real merits or demerits of any fellow creature. We can merely say that this man is more guilty than that, or even that this man is very good or very wicked. Often the basest men leave behind them excellent reputations. There is scarcely one of us who has not at some time been on the edge of the commission of a crime. Everyone of us can look back and shuddering see the time when our feet stood upon the slippery crags that overhung the abyss, and when if temptation had been a little more urgent, or a little longer continued, if penny had pressed us a little harder, or wine had further dethroned our intellects our feet would have slipped.

We may be able to say, "This man has lied, has pilfered, has forged, has embezzled money entrusted to him, and that man has gone thru life with clean hands." But we cannot say that the former has not struggled long though unsuccessfully against temptation under which the second would have succumbed without an effort. We can say which has the cleanest hands before man, BUT NOT, which has the cleanest soul before God. We cannot tell but that the innocence of one may be due to the coldness of his heart, the absence of motive, the presence of fear, to the slight degree of temptation; nor that the fall of the other may have been preceded by the most vehement self-contest and atoned for by the most hallowing repentance. There may be more real merit, more self sacrificing effort, more of the elements of moral grandeur in a life of failure than in a career TO OUR EYES, of stainless integrity.

When we condemn or pity the fallen, how do we not know that tempted like him we should not have fallen like him and with perhaps less resistance. How can we KNOW what we should do if we were out of employment, famine crouching, gaunt and hungry, on our fireless hearth, and our children waiting for bread. We fall not because we are not enough tempted. Wisely are we directed to watch and pray that we may not be exposed to temptation.

Human justice must ever be uncertain. How many men are hung for murder who were no more murderers at heart than the jury that tried them, and the judge that sentenced them God seeth not as man seeth and the most abandoned criminal black as he is before the world, may yet have continued to keep some light burning in his soul.

We do not know even the outside life of men. We are not competent to pronounce even of their deeds. We do not know half the acts of wickedness or virtue even of our most immediate fellows. It is but a small portion of our evil deeds that ever come to light and of our small amount of redeeming goodness, the largest portion is known to God alone. How many virtues does not the world give us credit for, that we do not possess, and vices condemn us for, of which we are not slaves.

## Dynes Heard From Pleased With Cornell

Prof. Dynes, who left here the first of the term for Cornell University, writes to friends here at the College that he is well pleased with his work at the U and that he is getting along nicely.

It will be recalled that shortly after his arrival there that he was elected as an assistant instructor in the Farm Crops Department, and aside from his regular duties is occasionally called upon to lecture to a class of 75 members composed of post-graduates and the University's upperclassmen.

After expressing a great interest in the work of our foot ball squad he states that Cornell has a good team this year and that they are looking forward with more than ordinary interest to the game to be played Thanksgiving with the University of Pennsylvania. He further states that the squad expects to defeat the U. of Chicago and the U. of Pennsylvania but feel somewhat dubious about the contest with Harvard.

Best wishes were extended to all his friends here at the College.

## Another Good Position Must Go Begging

A representative of the Bohnstead Orchard Company of the Willamette Valley, Oregon made the college a visit during the week. This gentleman was in search of a college graduate who had specialized along horticultural line and who could be secured to manage the orchards owned by this company.

Prof. Waldron who was consulted about the matter has no one at present who could entertain the proposition. Prof. Waldron reports that the interest in horticulture and forestry continues to steadily grow and that more requests come in for trained men than can be supplied. Last year four men were placed in positions that were congenial at the same time remunerative, and there are at present positions unfilled because there are none who have sufficiently prepared themselves for these places. Prof. Waldron states that greater interest is being shown today in the line of forestry and horticulture than ever before and that our people are just beginning to realize the possibilities along these lines.

## NEW GAS ENGINE COURSE ORGANIZED

Next Monday, November 7th will be registration day for a new course that is being established at this institution. This course is known as the Gas Engine Course. It is designed to meet the needs of those who want training in the handling of gas power machines and have not the time to take one of the regular courses in which gas engineering is offered. To accommodate those who will take this new course, new classes in arithmetic, reading, spelling, farm mechanics, blacksmithing, and carpentering will be formed in order that they may have supplementary work in addition to that of the gas engine studies. It is expected that a large number of young men will avail themselves of this course.

## Annual Finds Home

### After Long Search

The juniors have found a place in which to edit their Annual! It is rumored that a certain disciple of the art for which Euclid was famous, has kindly offered them his office for that purpose.

**THE WEEKLY SPECTRUM**

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H. M. Dodge.....Publisher

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The present outlook for the A. C. football team is rather discouraging. The injuries have been unusually common but in every case they were due to unavoidable accidents. Wirtenberger and Martineau are out of the game for the rest of the season and it is impossible to replace these men. A series of forward passes had been built up around Wirtenberger and much time had been taken in developing these plays. It now becomes necessary for the coach to develop new plays and ones which will not be as good ground gainers. Several of the men are not in the best physical condition at the present time which is delaying practice to a large extent but they will probably be in shape to play the two remaining games. While these injuries lessen the possibility of the A. C. winning the games against the University and Fargo College we do not expect inglorious defeats. We know the team will do the best possible under the circumstances and the student body is with them to a man. According to the fortunes of war only one team can win and we hope it will be the best one. We further hope that this means the team representing the A. C.

Next Saturday will occur the football game between the A. C. and the University. Altho the outlook for the A. C. is rather doubtful it is to be hoped that the students of this institution will give the team their heartiest support. It is one thing to be a "good winner" but the hardest thing is to be a "good loser." A winning team can easily elicit cheers from the side lines in such volumes as to almost swamp it but where is the spirit that should call upon the good loser to give vent to volume of cheers as to just double that of the winning side. We need this spirit right now and no urging should be necessary to bring this about. All loyal students should understand the situation and do all within their power to bridge over this breach by unlimited enthusiasm. It would be a great thing for the A. C. to send a delegation (band and students) to Grand Forks and support the A. C. A train can easily be secured and thus a supporting body accompany the team. The spirit manifested by the University in securing a train and bringing a loyal bunch of rooters and band for support in their recent game with Fargo College places a good example of loyalty and gentlemanly conduct before us that might be equalled, if not surpassed by the A. C. if the student body will support this movement. Let there be such a movement started that will make this a sure thing for Saturday's game. By all means let this spirit be manifested no matter which way the tide may be in the final score, let all have their faces to the front and their colors flying to the last.

Horace Rueber, the coach's brother, was called to Casselton Saturday to officiate at the football game between the Fargo H & the High at Casselton. Once more Rueber returned without a scratch which may be taken as evidence that his decisions met with popular approval.

Gifford and Dodge, two of this years senior Engineers spent Saturday plying their profession about the Campus.

The Engineering Department has a sample of materials used as railroad ballast of interest to engineer. The material is of volcanic origin from Crater, Colorado and was collected by Prof. Slocum during the summer. This ballast is used by the "Moffet" road which runs from Denver to Steamboat Springs an air line distance of 105 miles but which by rail is 214 miles because of the mountains. The road runs thru the edge of the old crater and the lava is taken out by means of a steam shovel. The lava varies in color from light yellow to dark red, the darker colors being the heavier but none of it is as heavy as stone. It is said to carry a small per cent of gold.

On November 9th Prof. Minard will address the Society on "English in Colleges of Agriculture and Mechanical Arts".

**Ceres Hall Notes.**

Mr. and Mrs. Porter visited their daughter Olive last Sunday and Monday.

Miss Jessie Thompson and Agnes Punton are still at Ceres Hall, prolonging their visit until after the Halloween party.

Miss Steneroden was compelled to return home this week on account of an attack of tonsillitis.

Miss Ruby Head was entertained at dinner one evening the past week by Miss Margaret Keene.

The Misses Allene McKinstry and Nina Amerland called on Lucy Cockburn and Fern Dynes last Friday evening.

Ceres Hall was given an inspection this week to see if all details of the contract was fulfilled.

The Housekeepers course which is one of the best courses offered by our institution is now running splendidly. The courses meets the educational demands of many young women who are required to be at home during the spring and fall.

Miss Hoover has again been called upon to give a lecture, the request coming from the Minnesota Educational Society to speak at their meeting November the third, on the subject "What is worth while".

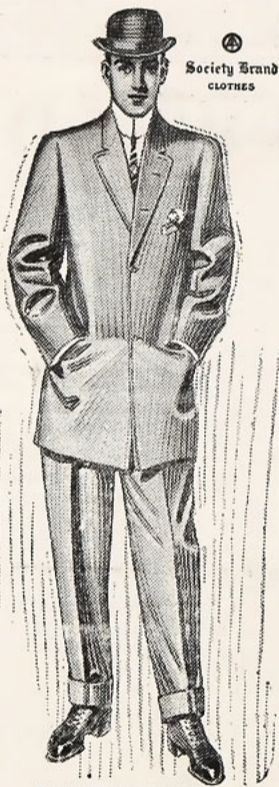
Mr. Warren of Grand Forks was a pleasant visitor at Ceres Hall last Sunday.

The Misses Alm, Baker and Jessie Thompson journeyed to the Southside Friday evening to visit Miss Shelton's Aunt Mrs. Schwarz.

The steam laundry at Ceres Hall is ready for work but at present the help to run it has not arrived.

Miss Sampson spent Saturday and Sunday visiting at her home at Eric, N. Dak.

Mr. C. J. Thysell '08 who has spent the past week at the college posting up on the achievements in the Agricultural Department left Friday afternoon for Washington, D. C. where he goes to spend the winter.



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**SOCIETY**

A. L. S.

A call for a special meet of the Athinians was posted for Friday at one o'clock. Two new members were elected to the society, viz. Floyd Gaidwell and Arthur Ogaard, who are valuable additions to the society in debating lines.

A. Z. F.

The Alpha Zetas met Friday evening, when they were addressed by C. M. Hennis on the subject "Alfalfa Breeding", after which a report of the conclave held at Ames, Iowa, was read. In the business meeting that followed plans for the future were discussed, after which the members participated in a social session.

A. C. P. C.

The A. C. P. C. held its first meeting at 3:30 Friday afternoon, at which the following officers were elected: Chester Mills President Roy Cook Vice-Pres. Treas. J. H. Powers Secretary.

A. M.

The Alpha Mus were unable to wait until Thursday night for their weekly round, but met on Wednesday evening, and after roll call succeeded in disturbing the peace of the campus by means of a conglomeration of sounds which the participants mistook for music.

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

The Lyceum of Engineers had an interesting and fairly well attended meeting Friday evening in the Lyceum rooms in the Engineering building. In the president's address, L. A. Welo gave a short account of the rise of engineering education in this country, and told how the Agricultural College of North Dakota leads in meeting the most common criticism of engineering education, namely, that it is not practical enough and does not take into account the needs of those who occupy the lower walks of engineering work, such as machinists and the various other trades which depend on engineering principle. The A. C. is meeting this demand for practical education by offering courses of High School grade, such as the Power Machinery course and the industrial courses. He stated that the professional courses were not adequate in making the student acquainted with engineering practice, and to this end he should be a habitual reader of the engineering journals, and best of all should connect himself with some technical society where engineering problems could be discussed. As an example of the recognition that is given to technical societies in schools it was stated that the American Society of Electrical Engineers had sections in all of our leading Polytechnic Institutions and Universities.

Paul Funderhide's subject was "Accuracy in Engineering". He showed that extreme accuracy was undesirable and that the engineer should use his judgment and vary the degree of accuracy according to the nature of the work at hand.

Le Roy Gifford gave a talk on the raising of the battleship "Maine" from Havana harbor. The method that has been adopted by the government engineers is to build a coffee dam around the wreck and thus actually wall the sea out, after which the wreck can easily be taken out, either bodily or piece by piece. Congress has appropriated \$300,000 for this purpose and may provide for \$200,000 more.

Prof. Keene who was to have given a talk was unable to be present but a very good substitute was served in the person of Prof. Gunnes. His subject was "Internal Combustion Engines" and gave a short description of their operation, dwelling especially on the gas producer which is rapidly gaining favor, and also illustrated how the efficiency may be increased by increasing the compression of the charge as much as possible. Being one of the charter members of the society, he told in his introductory remarks of its early struggle and achievements, and expressed his hope and belief in a bright and prosperous future.

A short business session was held after the technical session to consider business and the election of over a dozen new members.

Saturday evening the Agricultural Club was addressed by Prof. Richards. This was the first meeting of the year and was in consequence not largely attended. Those who did turn out were well repaid for the talk given by Prof. Richards was indeed very interesting and instructive. He showed how the Agricultural Club could and should be the largest and most helpful organization for agricultural students in the school. The Faculty he assured the club was more than willing to help the club whenever it was possible for them to do so. Prof. Richards made several good sug-

gestions to the club in regard to conducting the meetings and promoting interest in them and as a result of these suggestions it is now launched upon what gives promise of a most interesting and instructive season.

The class in bridges are working problems such as the determinations of stresses in bridge trusses, in pins in riveted joints due to eccentric loads in truss members due to their own weight, preliminary to the designing of a truss bridge.

**EXCHANGES**

A course in the conservation of resources is offered at the University of Minnesota. This course requires six years for completion and leads to the degree of Master of Conservation Engineering.

Freshmen in the Syracuse University were victorious in two class rushes this year.

Students of Hamline have gone on a strike and have decided to attend no classes until further steps have been taken.

No student in the College of Liberal Arts at Northwestern may be permitted to affiliate himself with any sorority or fraternity until he produces a certificate signed by the Dean stating that he has been enrolled at least one semester and has made at least ten credit hours.

Miss Theodora Kranksen of Northwestern U has been blind since she was eight years old, has recently been made a member of the Phi Beta Kappa the national honorary society.

Because a Freshman of Whitman College wore a derby hat to church his superior classmen gave him a ducking in the lake.

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**PERSONALS**

Dr. Shalk left Friday afternoon for Pembina to study the swamp fever situation in that part.

Sunday evening, November the sixth there will be a concert number of the Sunday evening lecture course at the Grand. There will be both vocal and instrumental numbers which will be furnished by the best musical talent in the city.

Chester Holkesvig has grown to be quite a "chesty" youngster and has laid away childish things, so much so that he wears his father's coat to school on Thursday. "Hoke" said that it was unintentional. He hurried home and made the exchange to avoid the weight of the parental slipper.

W. W. Brown of Amenia, N. D. was a college visitor Saturday. Mr. Brown reports the sale of the junior yearling shorthorn heifer "Her Ladyship" to Thomas Stanton of Illinois for the sum of \$1250. This is the highest price ever paid, so far, for a North Dakota raised animal. Mr. Brown is unquestionably putting North Dakota on the Shorthorn map. The advanced stock judging class will visit the "Elms" next Saturday.

Mr. Brown, the representative of the Deere and Webber Company spent last Thursday and Friday at the College. Mr. Brown will be remembered as the man that delivered addresses upon "Farm Machinery" on the "Good Farming Special". He is deeply interested in Prof. Dolve's line of work and is here to see in what way he may thru his firm help this department by placing different machinery and equipment at its disposal.

Last Thursday, W. H. Frazier from the Minnesota Experiment Station was here visiting the college and conferring with Prof. Donchue and also studying the methods carried out by the Agricultural Department. Mr. Frazier is in the soil survey work and has been doing work along this line upon the demonstrations farms of Minnesota in co-operation with Prof. Cooper. The demonstration farms of Minnesota are twenty two in number and for demonstrations farms are quite large as they contain about 160 acres. These farms are tilled by their owners but under the supervision of the Department officials.

Last Monday, Herbert Myrick of the Orange Judd Company of Chicago was a college visitor and was in conference with President Worst. Mr. Myrick is endeavoring to get the citizens of Fargo interested in the establishing of a publishing house here in the city. This branch establishment will be known as the Northwestern Orange Judd Company and its publication will be known as the Northwest Farmstead. If this proposition is carried thru, Fargo will secure an additional business firm, a fine new building and an increase in population as there will be 100 people to come here with 60 per cent of them married. This will be a great addition to the ever-increasing population and be another force in the up-building of this city. There does not seem to be any doubt but that the proposition will mature.

Maggie died  
Dr. L. Van Es will address the Men's Club of the Presbyterian church on Tuesday, November the first on tuberculosis and its prevention.

This week Tuesday, Dr. Batt leaves for Bismarck, N. D. to attend the semi-annual meeting of the State Public Library Commission of North Dakota. It will be recalled that Dr. Batt was recently elected president of the association.

Mrs. Burke Critchfield underwent an operation for a severe attack of appendicitis last week. She is reported now as recovering slowly.

Prof. McArdle left Friday evening for Fessenden where he went to conduct a corn judging contest. This week he conducts at the same place, a teacher's institute.

And even those happy individuals who inhabit the bookstore have experiences which cause the dove of peace to suddenly take flight and hie himself hither in seek of shelter. If you don't believe it, ask Holkesvig and Clark.

Prof. Zieffle encountered the Masonic goat for the third time Friday night.

Mr. and Mrs. Yerya of Minneapolis visited during the past week at the home of Prof. and Mrs. Beckwith.

Dean Keene has recently received permission from the American Radiator Company to use their copyrighted rules for the management of House Heating boilers, in the course in Household Physics.

Mr. Briggs on of last years students was a college visitor Wednesday. Mr. Briggs will be remembered as the player of the big B B Bass instrument last year. This instrument will be manipulated this year by M. H. Krantz for Briggs finds it impossible to be with us this year.

Prof. Keene received this week from the National Regulator Company of Chicago a complete demonstration heat regulating plant for laboratory use. This apparatus was given to the Engineering Department by the manufacturers to be used in the course of Household Physics.

Prof. C. B. Waldron left for Williston Friday evening where he goes to lay out the grounds for the new library that is being built at that place. The funds for this library were donated by the late Mr. Willis of the Great Northern Railroad Company. Prof. Waldron has the honor to lay out most of the grounds of all the public sites in the state.

The college orchestra now consist of fourteen members and is made up by those of the student body that are particularly skilled on their respective instruments. The instrumentation is now complete with the exception that another good clarinet player could find a place. Convincing proof was given at the last hop that this organization is one that would elicit favorable comment and appreciation from critical audiences.

Roosevelt's birthday occurred on the 27th of this month so did LeRoy Cook's. The Forum made a front page article of the Roosevelt anniversary but no doubt owing to the rush of business, lost notes etc. Cook's name did not occupy space beside the Roosevelt article. Do not feel so grieved Cook. True worth is often unrecognized or overlooked by nearsighted historians. The Spectrum is glad to call attention to the Forum's omission for we feel that the news should be given impartially and not be suppressed. The dear public should be given the truth, the whole truth and nothing but the truth. We therefore announce—Cook's birthday was the 27th. There! you Forum, we scooped you this time!

More music is to be heard emanating from the Music Hall. The second band met Wednesday for the first time this year and are now at work in an effort not only to become more skilled as musicians but to make the first band "go some". The number of men reporting for the initial meeting were fourteen and the way they led off at the beginning insures that the second band will get their share of applause. Dr. Putnam keeps the bands well supplied with the latest music of the various grades and classes, a fact that serves to interest and inspire the boys to become better readers and interpreters of music. When the number of applicants for instruction on band instruments will warrant a new or third band will be started.

Prof. Erickson during the past week has been busily engaged in making a cabinet for the tools in the big machine shops. When this is completed the

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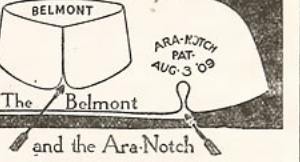
locked doors connecting the old and new Engineering building will be thrown open and do away with the necessity of passing upstairs and around in order to get from one building to the other. Prof. Erickson has taken a step that is far from displeasing to a good many of the students whose work comes in the two buildings.

Reg Colley has recently devised a new form of graft. Reg gets you with his little camera, develops the shot in a nifty manner, shows you the result, you feel flattered and buy and Reg sets off for Flynn's grocery cheerfully humming "O gee! I wish I had a girl!"

**GUNNES ADDRESSES FOLITECHNIC SOCIETY**

At the meeting of the Polytechnical Society last Wednesday evening Prof. C. I. Gunnes of the Engineering Department gave the address. His subject was "Internal Combustion Engines" and it was handled in a very able manner. Prof. Gunnes first gave a slight historical sketch of that type of engine and then discussed at some length the different types that are commonly found on the market at present and explained their essential differences. He also dwelt on the different kinds of fuel that are used in these engines. The address was illustrated by a series of diagrams showing the various kinds of engines.

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