

THE WEEKLY SPECTRUM.

Official Publication of the Student Council.

VOL. XVII. Number 15.

NORTH DAKOTA AGRICULTURAL COLLEGE, TUESDAY, JAN. 17, 1911.

PRICE 5 CENTS

Moorhead Normal Is Third Victory

N. D. A. C. AGAIN VICTORIOUS IN THE THIRD GAME OF SEASONS SERIES. BRIDGE AND CLARK BACK IN GAME. OUTLOOK GROWING BRIGHTER.

Saturday evening about three hundred spectators assembled in the Moorhead Normal Gym to witness the double header basketball game played between the Normal boys and the A. C. and the Normal girls and the Moorhead High School girls' team.

The later game was rather one-sided due to the extreme youth and inexperience of the High School players, the High losing by a score of 17 to 0.

The second game between the Normal boys and the A. C. was of a little higher standard, as the Normal boys had had more or less practice. However from the very start it was clearly evident to the average spectator that the teachers stood absolutely no chance. At the end of the first half the score stood 15 to 2 in our favor. The two points that the Normal secured was obtained thru fouls. In this half also there was one point awarded on fouls to our boys by the Referee.

In the second half although the Normal braced slightly they were only able to secure 4 field baskets and threw two fouls making a total of 11 points, while we increased our lead from 15 to 38.

Messrs Clark, Darrow and Bridge threw a field basket apiece from the center of the floor. These three shots being the only sensational features of the game. Another point was awarded by the referee on foul.

A. C. Normal
Clark I. G. Anderson
Trst
Bridge R. G. Rusel
Crafthear c. Burkee
Darrow r. f. Sllally
Gorman l. f. Tjonn
Field goals: Bridge 5, Clark 5, Gorman, Darrow 2, Burkee 2, Trst 2; Fouls, Bridge 6, Trst 2, Burkee 1.

Points awarded, A. C. 2. Final score A. C. 38, Normal 11.
Officials, Miller (Y. M. C. A.) Referee, Zika M. H. S. umpire.

Statement by The Bookstore Committee

In the present management of the Book Store, an endeavor has been made to allow to the young men in charge a fair remuneration for their work and capital, and at the same time to devise a method whereby a part of the profits may be used for the advantage of the student body as a whole. To cut the price of the books in most cases is impossible, because the school book companies require that the books be sold at a fixed price and will not furnish the books if sold for less. A number of colleges are managing their stores on the co-operative plan, but this plan here would be unjust to the short course men.

It was decided, however, after much careful thought, to try partial co-operation. On this plan the Committee have fixed a certain minimum compensation for the proprietors and of all the profits above this half go to the young men and half are reserved for the good of the student body. Not one cent of these profits will be applied to the revenues of the College, although the College furnishes room, heat and light free; and they will not be used for the benefit of any individual or organization. They will be applied at the discretion of the Executive Committee to such objects as shall be of benefit to all our students. For the term just past the student share of these profits amounts to seventy dollars.

W. J. Trimble,
W. A. Yoder,
A. H. Parrott, Committee.

AGASSIZ.

Just eight copies of the 1911 Agassiz remain. They are being sold for one dollar each at the Bookstore, so if you ever expect to own one of these beautiful volumes it behooves you to hustle over to the Bookstore and get it before someone else does.

Mr. Thorne and Arneson, old students of the A. C. were visitors at band practice Friday afternoon.

Celebrated Chorus To Sing At N. D. A. C.

THE COMING CHORUS HAVE CHARMED TWO CONTINENTS BY THEIR POWER OF SONG.

The celebrated Mountain Ash Male chorus, of Wales, will appear at the Agricultural College Armory, Jan. 20, 1911. As remarked by a leading citizen yesterday their coming visit here is looked forward to with delight by city and country people alike. The great English composer Dr. Turpin declares them to be "The World's Greatest Singers." Besides popular southern melodies like "Old Black Joe" and other songs that touch the tenderest cords in every human heart, they also sing great choruses that are appreciated and enjoyed by the common people and the musical critics alike. One of the popular choruses sung is the "Tyrol" by Ambrose Thomas. It is a musical portrayal of a journey up the Tyroese Mountains.

The party starts long before break of dawn. The chorus opens with the humming of the winds through the crevices of the ice, intermingled with the gentle soft sound of falling snow to the deep abysses and the pealing of the convent bell, calling the monks to their various early duties. The next movement hails the coming day, following this we hear the song dance and yodl of the Tyroese rising from the green pastures below. Presently it faints away gradually as they still climb upward. Soon we hear the deep low moaning of the winds with the Bassos added to with grumbling "Ahs" and dismal sounds in other parts all become louder and louder, the winds roaring, rain pouring, lightning flash, thunder crash. The storm rages and the hailstones lash the terrified mountaineers, who are rushing back downward the swift descending chromatic scales portraying storm winds sweeping down the mountain sides. In time the storm gradually abates and the sun bursts forth its warming rays, and the mountaineers again hear the Swiss dance and yodl on the green field in the beautiful Swiss valley.

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Russian Students To Attend N. D. A. C.

TO BE SENT HERE TO LEARN AMERICAN AGRICULTURAL METHODS.

Will Return To Teach

AMERICAN AGRICULTURAL COLLEGES AGAIN RECOGNIZED AS DOING GOOD WORK

A Russian institution organized for the development of agriculture in that country is going to send four young men over to this country to learn the American methods, and as this is an institution that is doing work in the lines in which they are interested, it has been decided to send them to this college. These students will arrive here early enough in the spring to see the crops put in and will get work on farms where they will come in contact with the practical work of raising the crops, harvesting and tending live stock. They will then come to the college in the fall and take up whatever studies will best train them for proficient agriculturists. They already have some knowledge of English so that it will not be necessary to spend so much time learning the language before taking up strictly agricultural subjects.

The purpose of this plan is to get men in their country that are well trained in agriculture and that can teach and interest the people, thereby raising them to a higher standard and increasing the general wealth of the country. This shows that the work done by the Agricultural colleges of the United States is looked upon by other countries as of great importance. Such instances as this go to make us better feel the value and importance of the work done by our colleges and experiment stations.

Affairs started this morning at the Gardner Hotel with a business session. This afternoon the regular program, which is an extensive one, will be given. On this program are doctors of national repute and are leaders in the subjects which they will discuss.

To The Spectrum And My Friends Who Read It

Ye editor—the long and lanky, having asked me to do my share toward making my paper a success and incidentally revealing my spark of college loyalty—no doubt sat back and smiled when he became possessed of something more that he was not called upon to write. Moreover, the above mentioned, knowing me very well also stipulated that I should be brief.

There is no brevity in Arizona. Its miles upon miles of visible desert sand, and grease wood, and cacti, and then to rest the eye, a blue and hazy mountain range or peak bring barrenness of plain and blue of sky together in a pleasing, filmy, smoky, shadowy blue, or purple or gray to suit its mood—and whispers of more beyond.

But I would tell you of a Christmas where neither frost nor snow doth enter in or sleigh bells lend their peal. You'd know this was my article wouldn't you—all introduction as usual.

Christmas morning—and it is clear and pleasant and not chill. Five of us young faculty have hired a rig for the day, so in anticipation of mountain climbing I don my oldest clothes and without overcoat go to the deserted dining hall for breakfast. We get a late start but we don't care. The whole day is ours and no one is looking for our company. Taking a pleasant road along and among mountains we drive for about ten miles thru the desert to an old Spanish Mission, which was founded in 1692 and is known as Lon Xavies. Alone in the desert a little way from an Indian village it stands, a gleaming pyramid in white, expressing in its solitude and grandeur much of faith, of hope, and of persistent endeavor. Its walls, towers, pinnacles, white, express a subtle beauty. Inside—you must see to understand just what this quaint, bewildering, crude yet beautiful labor of the ancient Spanish artists means to one who has never before seen its like. And we stay long here and try to absorb that which defies absorption.

But for brevities sake—we leave the shrine and pass to a low eminence a little to its left and east of it. This is an old volcano—now extinct, but the crater still remains, with its yawning mouth of one time super heated rock, a mute expression of what once had been. Upon its rim is an ancient cross which has given the mountain its name, "The Mount of the Holy Cross." Blasted and chiseled out of the solid rock on its northern face a Grotto has been made—a reproduction by perfect measurements of the Grotto Lourdes, in France. The cave is protected by an artistic fence and from a cliff in the rock overhead the Virgin Mary appears as descending the mountain. To this place are pilgrimages made and at times impressive ceremonies are rendered. After climbing to and standing within the crater we descend and enter the church. When we had looked our fill we wandered out and hearing singing went across a court to the Indian school where Christmas exercises were being held, and tarried for a few moments in a room packed with Indians while the Indian children sang their songs and spoke their pieces.

But a mountain, blue, towering and massive had for many weeks been beckoning, so we hastened. For our Christmas supper was to be served at five. Another drive of six or eight miles through the desert and up a picturesque valley with its Giant Cacti studying the mountain sides in every direction, we drove and when we had unhitched at the base at about one thirty we were ready for the ascent. And those rocks piled up above us were something to look and wonder at.

We started—but my excess twenty or thirty or—at any rate one who was not so robust as the rest and I were left far down the side—the others out of sight. Of course having lived in North Dakota all my life and knowing everything about the business I didn't care. But if there was any steeper, more difficult, accessible approach to that summit than the one that Hedges and I took, I'd just as soon someone else would take it. There were times when I confidentially expected to go with one graceful sweep down that whole slippery slope, taking Dolly with me. And there were times when I thought that that would be the easiest way out. And when I would find a place to pause I'd turn and gaze upon the desert and find my reward. The others reached the summit in about forty minutes and there they waited just

forty minutes more for Hedges and myself. Now that's great news to send back home isn't it? But our argument is that we did twice as much climbing as they did. They didn't see us so can't deny it. At any rate we all came out on the same rock and there—fifteen hundred feet above the desert with its plains undulating, extending below, we stood. And beyond were mountain ranges on all sides—to the North the highest of all and most compelling, the Catalinas—to the East the Rincons with old Baldy towering naked, gray and blue—to the south the Santa Ritas, blue and purple in the hazy distance—to the west the Tucson mountains—one peak of which we stood upon—and then far away, range upon range showing a more pale and subtle blue above the peaks of each succeeding one. And to the Southwest more grand and hazy, more sonorous, quiet, sphynx like than all rose the far distant peak—the noted Baboquivari. Three men have slept upon its crest—no more. Almost inaccessible—it is taken as fact that Director Forbes of this station was the first white man to scale the fifteen hundred foot wall of this fortress of isolation. To reach its summit one must now climb for one hundred fifty feet hand over hand, a rope which he has left hanging there in a place where the wall is more than perpendicular for that height.

And so in our shirtsleeves—for it is Christmas and the wind is blowing strong upon the mountains—we stand and gaze upon this panorama. And our day has been full of strange things. We have visited a Mission musty with its history and legend, we have stood for the first time in a crater of a once active volcano, we have seen Indians praising God in their Indian fashion, we have toiled to the summit of a formidable mountain and have gazed upon a wilderness of valley, hill and mountains, sun scorched, wind swept, seldom dew kissed—yet beautiful in its fancies. And as we look the sinking sun paints the clouds with splashes of pink and red and the mountains break into limpid scintillating, smouldering flame. And in the valleys the shadows are gathering. Another Christmas day is drawing rapidly to its close. Our descent is begun. A pleasant ride home and we were ready for supper and for bed.

Friends of Denis Ford will be pained to hear that death claimed his father last week. Mr. Ford resided at Casselton.

Beckwith Isolates New Bacteria

RESULTS PUBLISHED BEFORE SOCIETY OF AMERICAN BACTERIOLOGISTS.

It has long been known that cod fish and other fish allied to the cod, during the course of salting and preparation for market uses, often turn pink. This "pink" of the fish has been the cause of many hundreds of thousands of dollars damage in the fish markets of the United States. Fish which have become attacked by this discoloration are rendered unfit for use and there is fairly good proof leading to the belief that when the fish has been acted upon by this "pink" it becomes a source of ptomaine poison. This "pink" is peculiar in the fact that it generally appears along the vertebrae of the form spreading from that centre. Many attempts have been made to find out the cause of this difficulty. It is ascribed by certain members of the Harvard University Faculty to the growth of a certain minute Alga or sea weed. A number of different kinds of fungi have been found to produce a "pink" of the fish. It has been learned, however, that this pinking of the fish is due to a coccus form and is an exceedingly minute germ. It has been discovered growing in the salt marshes around the seaport towns, and, in all likelihood, it is carried by wind thus infecting fish as they lie in the packing houses.

By the use of special methods, which had to be worked out for this peculiar problem, the specific form which is causing the trouble in America has been isolated and its reactions carried out. This work has been rendered possible only because of the advancement of the general science of Bacteriology. The old methods which were in use some years ago were entirely inadequate for the purpose. The form has been written up, described, and named, by Prof. Beckwith and the results published during the Christmas vacation before the Society of American Bacteriologists.

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Ellendale Loses Midweek Game

TEAMS WEAK ON FOUL THROWS.

Altho it was Wednesday, the middle of the week and at a time when students do not generally abandon their studies, there was a large crowd that turned out to witness the Aggies add another victory to their list by defeating the Ellendale quintette 42 to 19. The feature of the game was the team work of the Aggies. They showed a decided improvement over the game of last week in passing and team work and outclassed the visitors in every department of the game. Both teams were especially weak in throwing fouls. Ellendale scoring only three out of eight, while the A. C. scored two out of five.

The Ellendale boys started the game with a rush and succeeded in throwing a few baskets, which made it appear as tho the locals had met their equals. After the first few minutes of play, however, the game was never in doubt, the first half ending with the score 18 to 7 in favor of the A. C.

The second half was somewhat slower, altho both teams showed some good team work at times. The individual honors were quite evenly divided, Drummond, Clarke, and Wheeler playing exceptionally good ball for the locals, while Eiden starred at left guard for the visitors, securing ten of the nineteen points made by them.

The lineup:
A. C. Ellendale
Clark f. Bentley
Nolet, Krafthear rf Jackson, McGraw Wheeler c Blumer
Darrow, Capt lg Eiden
Drummond rg Barnes
Field baskets—Clark, 6; Nolet, 2; Krafthear, 2; Wheeler, 4; Darrow, 3; Drummond, 4; Bentley, 2; Blumer, 1; Eiden, 5. Fouls—Jackson, 1; Bentley, 2; Nolet, 1; Darrow, 1. Referee, Darnier, of Science school.

Librarian Summits Interesting Figures

MANY BOOKS OF ALL KINDS ARE READ BY THE STUDENTS.

2243 Books Drawn

PERIODICALS MOST GENERALLY READ. POETICAL BOOKS TAKE SECOND PLACE.

The Librarians records at the close of the fall term show that our library is a place of great activity and it further shows the character of the literature that is being generally read.

The number of books added to the library during the term was 73; of this number 29 were purchased, 2 were donations and the remainder were government documents, Experiment Station reports and bulletins.

The number of books drawn from the library during the term was 2243; this does not include a large number of bound periodicals and government documents used in the reading rooms, or the books used for reference in the department libraries.

Of the number which were taken out of the library for use, 100 were historical, 206 fiction, (most of these were works of standard authors which students were required to read for class work in English,) 450 were poetical, 838 periodicals and 625 miscellaneous.

There are 225 newspapers of the state to be found in the library. These are received as exchanges for the bulletins and reports of the Experiment Station.

80 farm papers are also received as exchanges.

The list of periodicals to be found in the library numbers 82; this does not include the periodicals which are kept on file in the different departments.

From the above it will be seen that the two librarians; Mrs. McVeety and Mrs. Schriver, are kept busy thruout the entire day in helping the many students who use the library to find the particular information sought for and in keeping every thing classified and up to date in every respect.

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Freshmen Exorcise Sophomore Serenity

SOPHOMORES' QUIETLY ENTERTAIN THEMSELVES AND FRESHMEN INTERFERE BUT AWAKE TO FIND THEMSELVES—

Chemically Treated

FRESHMEN, MORE RUSTY, MORE WISE. PARTY FINE SUCCESS DESPITE INTERFERENCE

The Sophs after many unsuccessful efforts finally received a date upon which they were allowed to hold their class party. They were allowed the use of the Music Hall.

Working upon the impulse rather than good thought the Freshmen under the leadership of a captain, who is a persistent Freshman, so much so, that three years of education and association with enlightened mortals utterly fails to lift him to a higher class level, mustered their forces which were grasped from several classes, in the armory.

Waving his trusty shovel the captain beckoned his men to advance keeping well in cover of the shadow of the mill. Here again they reconnoitered, scouts were sent ahead who actually discovered the Sophs were celebrating in the Music Hall with doors and windows open and with a large snowbank at the main entrance.

In the meantime, the Soph had prepared for such an attack, being well barricaded behind iron sulphate sprayers and common sense. After hearing the report of the scouts, the Freshmen decided that the capture of the snowbank would give them a advantageous position, gaining their desire without any opposition. The Sophs from the upper window gently sprinkled them with dandelion eradicator. After receiving the benefit of 24 gallons of the mixture, one Freshie, braver than the rest intentionally turned the knob and opened the door. In less than twelve minutes, seven snowballs had actually been thrown in thru the door. The shovels were used to loosen their comrades who were glued to earth by frozen iron sulphate solution. The two lower college classmen were not the only ones enjoying the occasion. News of the battle soon spread, spectators viewed the affair from the windows of nearby buildings. A general shout of approval went the air as they saw the color of the dark apparel of the Freshmen turned to a rusty white. The iron sulphate undoubtedly entered into combination, or stimulated their cerebrum, and common sense reigned. After partially removing the sulphate from their festooned garments, they returned home via back door.

Dancing and games were indulged in by the victors of this escapade, their president Edgar Olson won every event in the competition games, "Ole" had to deliver a "snooch" after every event he won, he being called on the floor twenty seven times. The chaperone of the evening was Mrs. McVeety. The entertainment of the evening culminated in a big feed.

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Tri-State Grain Growers' Are Now Assembled

MANY NOTED SPEAKERS TO ADDRESS THE CONVENTION.

The Grain Growers' Convention opened this morning and will continue thruout the week. The indications are that it may be one of the best conventions that has thus far been attended in Fargo. Beginning with tomorrow the program will be as follows:

LIVE STOCK DAY.
WEDNESDAY, JAN. 18—9:30 A. M. "The Advantages Possessed by the Northwest for Successful Live Stock Production"—Col. R. A. Wilkinson, Lake Elmo, Minn.

"State Eradication of Tuberculosis"—Dr. E. D. Harris, Veterinary Dept., North Dakota Agricultural College.

"Summer and Winter Shelter for Swine"—Mr. E. J. Thompson, Division of Animal Husbandry, Agricultural College, N. D.

"Methods of Building Siloes"—Mr. C. F. Doane, Rep. Dairy Division, U. S. Department of Agriculture.
WEDNESDAY, Jan. 18—1:30 P. M.

"How to Improve the Grade of our

(Continued on Page 2)

The Mountain Ash Male Voice Choir A. C. Armory---Third Number Citizen's Lecture Course---Friday, January 20, 1911.

STUDENTS ADMISSION 50c

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.

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STAFF.

C. M. Hennis, Editor; H. M. Dodge, Business Manager; Henry Reddy, Athletic Editor; Addie Stafford, Society Editor; Fern Dynes, Reporter; John B. Wentz, Reporter; Jack Dinwoodie, Reporter; Chester Holkesvig, Reporter.

Are you writing an oration? Are you plugging for the debates? Are you at work in the literary societies? Are you diligently preparing yourself for greater things? Are you offering the 'Spectrum' any news? If not, why not? Are you doing any thing at all to boost and help the college? If not, why not? BOOST for the N. D. A. C.

One of the most painful things that editors sometimes find it necessary to do is to 'cut out' their own self-cherished advice to make room for the little happenings and items that seem to be of more general interest to the student body.

It is not with exultation that it is admitted that the public taste is in grave danger when a clamor is made for short personals in preference to the editorial recipes for success and good citizenship. The tendencies of the times are by no means gratifying.

But if personals are wanted, when necessary, euroachment will be made on the editorial page for space in which to insert them. And even with this space there may be many who may be left unmentioned, and many note-worthy deeds that may go unnoticed and if noticed, not adequately.

Where is the reader who would not make alternations. Some would fill the entire sheet with short personals, others would print nothing but long and tedious articles of interest to scientists only. Thus it goes.

Readers, bear in mind that. 'What shocks one part will edify the rest. Not by one system are we all to be blest.'

A gentle feminine murmur came to our ears recently and owing to its fairness all that could be discerned was 'I haven't had my name in the Spectrum yet.'

Dear young lady, (we say this at a safe distance) your case is a pitiable one. Something is wrong with the entire staff. But staffs are human and sometimes near-sighted. The Spectrum's may be both.

You should have been noticed long ago. Your name should appear in the next issue. To insure this kindly fall down stairs and seriously injure yourself and oblige.

The staff will do the rest or be shaken from base to apex. Further over-sights and inattentions will not be tolerated.

We call attention in another column to the report of the faculty committee in charge of the book store relative to the present management of that institution. It is worthy of the consideration of all.

TRI-STATE GRAIN GROWERS' ARE NOW ASSEMBLED. (Continued from Page 1)

Horses"—Mr. Donald Campbell, Hannaford, N. D.

"The Adaptability of the Northwest for Horse Raising"—Lieut. Gov. U. L. Burdick, Williston, N. D.

"Lessons from the Season of 1910"—Dean J. H. Shepperd, N. D. A. C.

"The Value of the Pure Bred Sire"—Prof. Thos. Shaw, St. Paul, Minn.

WEDNESDAY, JAN. 18—8:00 P. M.

"The Milking Machine"—Mr. J. C. Perkins, Devils Lake, N. D.

"Dairy Farm Methods and Their Relation to Quality in Manufactured Dairy Products"—Prof. C. Larson, Agricultural College, Brookings, S. D.

"Dairy Sanitation"—(Illustrated)—Dr. J. W. Dunham, Fargo, N. D.

WEDNESDAY, JAN. 18th.

Program for Women's Day at Tri-State Convention.

Music. "Poultry—Housing and Winter Feeding, Winter Laying"—Miss Maude Matthews.

"Chicks—From Incubator to Market"—Mrs. G. W. Randlett.

"Home Nursing—A Demonstration"—Miss Alice G. Haggart.

Music.

"Sewing—As Taught at Agricultural College"—Mrs. Serene B. Ash.

"Modern Household Conveniences"—Prof. E. S. Keene.

From ten until twelve the women will be shown through the College buildings. A luncheon will be served to the out-of-town women by the Domestic Science girls.

Program begins at 2:00 P. M. in gymnasium of girls' dormitory.

HORTICULTURAL PROGRAM.

THURSDAY JAN. 19—9:30 A. M.

"The Farmers' Garden"—Prof. A. McMeans, N. D. Agricultural College

"Ornamental Trees and Plants for North Dakota"—Mr. E. C. Hilbourne, Valley City, N. D.

"Dry Land Tree Growing"—Prof. C. B. Waldron, N. D. Agricultural College.

"Starting the Fruit Orchard"—A. Brackett, Excelsior, Minn.

AMERICAN SOCIETY OF EQUITY PROGRAM.

THURSDAY, JAN. 19—1:30 P. M.

"What the Society has done for the Grain Growers and Its Plans for the Future"—J. M. Anderson, Sec.-Treas., N. D. State Union.

"The Mission of the National Union of the American Society of Equity"—M. F. Sharp, Pres. of the Nat'l Union, American Society of Equity.

"What has been Accomplished by the Organized Farmers of Western Canada"—Mr. McKenzie of the Grain Growers' Grain Company, Winnipeg, Manitoba.

THURSDAY, JAN. 19—8:00 P. M.

Concert—Agricultural College Cadet Band.

"What Home Economics Means to me as a Student in the Agricultural College"—Mrs. Louise Campbell.

Address—Hon. B. F. Yoakum, Pres. Board of Directors, St. Louis and San Francisco, R. R. Co.

Annual Address—Pres. J. M. Worst, President North Dakota Agricultural College.

"The Rural School Problems"—Prof. W. E. Larson, Asst. Supt. Public Instruction, Madison, Wis.

FRIDAY, JAN. 20—9:30 A. M.

"Farming as a Business"—Thos. Cooper, Minn. College of Agriculture.

"Dry Farming"—Ross Martin, Powers Lake, N. D.

"Relation of the Experiment Station to Grain Growing"—Dr. A. F. Woods, Dean College of Agriculture, University, Minnesota.

"The Agricultural Colleges and Experiment Stations from the Business Standpoint"—E. S. DeLancey, Valley City, N. D.

"Soil Sanitation"—Prof. H. L. Boley, North Dak. Agricultural College.

"The Country Schools in North Dakota"—Prof. N. C. Abbott, N. D. A. C.

FRIDAY JAN. 20—1:30 P. M.

"The Farmers' Library"—Dr. Max Batt, Agricultural College, N. D.

Address—Hon. James J. Hill, St. Paul, Minn.

"Some Sticking Points in Farming"—Prof. M. A. Brannon, State University.

"Corn as a Factor in Crop Rotation"—J. D. Bacon, Grand Forks, N. D.

Farmers' Institute Annual No. 10 will be distributed to all in attendance.

J. H. WORST, J. H. WORST, President.

T. A. HOVERSTAD, Secretary.

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There will be a meeting of the Junior class on Thursday noon at 1:10, Room N, Main building. All plans for the prom will be discussed and amended for the last time. Directions and assignments will be given. Every Junior has been assigned a prominent part and by being there will know just what to do. Be there and hear a report of the committees who have been hard at work for weeks, planning to make this the biggest success of the season.

COMMITTEES.

Decorating—Mark Heller, chairman; Frank Darrow, Blanche Moyer.

Program—Helen Hoover, chairman; Ben Barrett, Mark Keeney.

Refreshments—Lillian Merritt, chairman; Lucy Cockburn, Addie Stafford.

Invitation—Eric Martinson, chairman; Alma Leeb, Clarence Waldron.

Addie Stafford, President.

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SOCIETY

AGRICULTURAL CLUB.

On Friday evening, January 13, the chapel was the scene of a most interesting meeting of the Agricultural Club. The program, which was followed by a business meeting, was as follows:
Reading Robt Hurt
Essay Steine Myrdal
Reading John Henderson
Extemporaneous Talks Members

Y. W. C. A.

Wednesday afternoon a most enjoyable hour and a half was given all college girls up in the gymnasium of Ceres Hall. Some rather clever song stunts were carried off, after which tea and wafers were served. The girls were then privileged to witness a playlet "The Four Proposals," in which the leading part was taken by Miss Grace Shelton. This closed the afternoon's entertainment.

A. Z.

The Alpha Zeta, at their regular fortnightly meeting, Friday evening, were addressed by one of their members, Mr. Levi Thomas, of the Bureau of Grain Standardization. Mr. Thomas took for his subject "The Relation of Environment to the Chemical Composition of Wheat." This is a subject that has been given considerable study by Mr. Thomas and the observations and deductions that he presented proved to be highly interesting.

The N. D. A. C. L. E. met Friday evening and had "The Aeroplane," for a subject of discussion. The different types, their construction management and performances were matters that were interestingly touched upon. After the discussions were concluded a business meeting was held.

The classes in Music will meet at the Music Hall according to the following schedule:

- Band No. 1—Monday, Wednesday and Friday 3:30 P. M.
- Band No. 2—Monday, Wednesday and Friday 5:00 P. M.
- Band No. 3—Monday, Wednesday and Friday 5:00 P. M.
- Orchestra—Tuesday 3:30 to 5 P. M.
- Glee Club—Tuesday 5 P. M.
- Opera Chorus—Thursday 3:30 P. M.
- Beginners—Singers Class 5 P. M.
- Class in Harmony 5 P. M.

C. S. PUTNAM,
Director of Music.

Ceres Hall Notes.

Among the late arrivals at Ceres Hall and the Misses Cockburn, Egge and Morrow.

The Gymnasium classes for all girls of the college are now well organized and under the able supervision of Miss Haggart, much good will be received in these classes. Each division meets twice a week for one half hour periods.

Miss Nellie Puntoon has been obliged to return home on account of sickness, but it is hoped she will soon return.

Senator A. L. Gibbens made a short visit at Ceres Hall last Sunday on his way to Bismarck.

Miss Madge Baker and Eulalia Blanco have been quite ill but are now able to resume their work.

The Janitors have been experiencing no little trouble during the extremely cold weather keeping the pipes from freezing.

A number of games have been procured for use in the reception rooms.

According to the reports of some of the faculty members who have been guests at the dinners given by the class in carbohydrates and proteids, the meals have been all that could be desired. Each girl is given for a week at a time the position of head cook, assistant cook, dishwasher, and waitress. The Head cook must do all managing and buying and weigh each article she uses. The following Menu is one served the past week.

- Grape Fruit
- Roast Beef
- Gravy
- Browned Potatoes
- Bread
- Bum Butter
- Celery
- Creamed Oysters on Toast
- Apple-Date Salad
- Wafers
- Baked Bananas
- Sponge Cake
- Coffee

The class is Dietetics takes these menus with the cost and estimates the nutritive value and ration of the same.

The formal opening of Ceres Hall has been postponed until a later date, but there will be held this evening from 7:00 to 8:30 o'clock, a reception for all visitors of the Tri-State Grain Growers Convention. The guests will be received by members of the faculty and college girls after which they will be taken thru the entire building. Refreshments will be served in the dining room. Interesting exhibits will be displayed in the various departments.

On Wednesday all ladies who attend

the Grain Growers Convention will be entertained at the College. At 10:00 o'clock they will meet in the reception rooms of Ceres Hall after which they will be escorted about the campus to inspect all the buildings. At 12:15 luncheon will be served by the Junior Senior girls after which the following program will be given.

- Vocal Solo Miss Grasse
- Sewing as Taught at the A. C. Mrs. Ash
- Poultry Mrs. Randle
- An Address Prof. Keene
- Mrs. Matthews of Larimore
- Household conveniences.... Prof Keene

Prof. Keene's talk will be illustrated with practical demonstrations.

The girls of the Domestic Science course will serve a dinner to the Board of Trustees today.

PERSONALS

We know something of the nervousness and anguish that a young gentleman goes thru previous to asking a young lady for her company. Words at this critical moment often fail and if there is any stutter in your nature it is sure to come to the surface at the very time when the best foot should be forward—Stuttering is fatal. If you are to realize your hearts desire you must put up a smooth, strategic statement of your ambitions or you are lost. You may say that you can't without stammering. Don't give up until you have tried once more. Practice and try this,—

"I like your complexion
And am going your direction,
And if you have no objection
I'll be your protection."

If this is said in a smooth, earnest fashion and yet does not get results you may as well become resigned to your fate.

The Oracle, published by the students of Hamline University, has some very favorable comment in their paper concerning Prof. Keene and his practical, progressive methods of teaching physics. Prof. Keene's work is attracting attention in every direction. Why? Because he has made physics more than a theoretical subject, he has made it practical and usable in whatever walk of life the student may enter.

Mr. Holt is one of the latest additions to the first band and has allied himself with the reed section since he manipulates a saxophone.

Maid Ballington Booth, who spoke here before a crowded house Oct. 25 is to speak to the students of the Michigan Agricultural College next Thursday night.

It is reported that one of the college girls of Fargo had a recent proposal of marriage and asked a week to think it over. She went to all her married sisters. One who used to be a belle, had three children, did all her own work and hadn't been to a theatre or out riding since she was married. Another whose husband was a promising young man at the time she was married, was supporting him. A third didn't dare to say that her life was her own when her husband was around and a fourth was divorced. After visiting them and hearing their woes the heroine of this little sketch went home, got pen, ink and paper and wrote an answer to the young man. You may think it was refusing him, but it wasn't. She said she would be ready within a week.

Mr. Tom Lough, a graduate of last year's class was a chapel visitor last Monday. Tom always was a chapel enthusiast and he came back from force of habit.

A Girl's glee club is being organized by Miss Grasse. Any girls wishing to join will please see Miss Grasse in Room 1, Music Hall, as soon as possible in order that she may test their voices and sign parts. All students wishing for private lessons in either voice or piano will also please call on Miss Grasse at the same place any time during the afternoon.

Miss Jessie Peterson until recently our assistant postmistress is devoting her time exclusively to the study of music this winter, her studies are being pursued under the direction of Miss Grasse, who is preparing her to enter the American Conservatory of Music, a well known music school of Chicago. She will probably enter this school next September. Miss Peterson is a very talented and ambitious girl and her many friends unit in wishing her much success in her chosen field.

Tuesday and Wednesday of this week marks the ninth annual meeting of the North Dakota Veterinary Association.

At eight o'clock this evening, a social session will be held, which culminates in a swell spread. On Wednesday at 9 A. M., in the Veterinary Building a regular meeting of the Veterinary Surgical Institute will start the day's program, followed by Neurectomies of Veterinary Surgery by Dr. L. A. Merillat of Chicago.

Prof. C. B. Waldron spoke Saturday at Forman, N. D. before the Stock and

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Grain Growers Association on the subject "Agricultural Development and Possibilities in N. D." Over 20 years ago Prof. Waldron, collected and classified the native plants in that section of N. D. when but a few settlers dotted the prairies. In consequence of his study and familiarity with the different sections of the state he is well qualified to treat the subject of the agricultural development and possibilities of the state.

we have specimens of the brick that comes from this promising western city.

The forge shops present a busy scene every day of the week from Monday one hundred fifty taking the work. The students have been divided into six sections, each section working for a period of two hours per day. The shops are equipped with forty forges and when forty embryo blacksmiths all strike the anvils simultaneously attention cannot help but be directed their way. Mr. Chisholm and his assistant, Mr. Anderson are giving these young farmers such instruction as will enable them to do the most of their own repair work after they return to their farms next spring.

Because of the large number of note books that have remained unclaimed in the laboratories of Prof. Beckwith he is considering the advisability of holding an auction in the near future unless these are speedily reclaimed.

Students who have a natural abhorrence for publicity should see to it that their little contributions to science does not fall into the hands of the ignorant and unappreciative public. Better call for these books and save embarrassment.

Supt. Tibert has in his office a large and fine collection of building bricks of various kinds from which selections are made when buildings are to be erected. These bricks are made at various places throughout the country and it is noticeable that the best of this collection are North Dakota products. It is said that those from Hebron this state are without superiors anywhere for building purposes. In the Engineering and Veterinary buildings and at Ceres Hall

DR. DOLT TO SPEAK AT GRAND.

The program at the Grand Theatre, Jan. 22, will consist of a lecture delivered by Dr. Dolt, of the Chemistry Department, of the North Dakota Agricultural College. Dr. Dolt's lecture will be on the subject, "Places of Worship in India." The lecture will be illustrated by views which were taken by Dr. Dolt while on a tour through India. Dr. Dolt has travelled extensively, having visited many of the places of interest in Asia, Africa and Europe, and has the reputation of being an interesting lecturer. Students of the college and the people of Fargo should not miss hearing him.

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PERSONALS

Misses Fehr and Griffin charmingly entertained a party of A. C. people, students and Faculty members at their apartments, Friday evening. Cards were played thruout the evening after which some delicious refreshments were served. That the ladies are specialists in the entertainer's line can be vouched for by any and all that were there.

Two individuals on mischief bent visited the boy's dorm last Friday night for the purpose of arousing a mob to route the Sophomores. They began by starting a rough house on the third floor and finished by a thorough "snoop" of the first floor. It was here that the only proctor who happened to be in the building intervened and all further proceedings ceased.

It is little wonder the Freshies lost out in the scrap to oust the Sophs last Friday night. It is impossible for a class to lead a successful attack without their guiding light, the President. Although etiquette prevented the President's attendance nevertheless this official did excellent work in mustering the forces over the telephone.

And now they are saying that the Sophomore party seriously interfered with Hokesvig's plans.

Mr. Briggs, who played the double Bass last year, has returned for more school work. Mr. Briggs may become a member of the trombone section in the first band.

The fledgling veterinary classes have been receiving practical infirmity work during the past week. They have several post operation cases in their charge.

While cleaning up the mess in the hall after their party, the Sophomore boys took time out to entertain the night watchman, luncheon and story-telling being indulged in.

George Smart, one of the last years Pharmacy students is in Fargo for a weeks visit. Mr. Smart is now located at Ray, N. D.

Secy. Miller has just received the news that the chapel hour at Morning-side, his Alma Mater, has been discontinued for the time being. Owing to the fact that an animal of the polecat variety has taken up winter quarters there.

It is reported that one of the Ellendale supporters inquired if Mr. Bridge was the coach. Who is the joke on, Bridge of the Coach?

Miss Julia Folles, Mrs. Arvold's sister from Eau Claire, Wisconsin is a visitor at the home of Prof. Arvold.

The reed section of the 1st band has been strengthened by Floyd Musbenger, a Fargo college student.

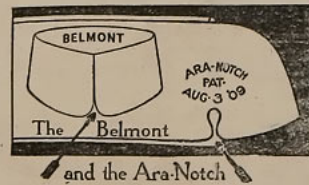
The Sophomores wish to extend their thanks to Mrs. McVeely and Miss J. Peterson, acting respectively as chaperon and musician at their class party last Friday night.

The whist championship of the seventh ward will soon be settled. Three Seniors and a Sophomore have qualified for the finals.

Several cases were treated at Veterinary Clinic Saturday. A particularly interesting case of poll-evil was treated under the surgical skill of Dr. Harris. These operations are being well attended by the students, seating room being at a premium.

Dr. Putnam's troubles have been coming in huge bunches the past week. First it was a mishap to the base drum that made the Dr. soar skyward. This was followed by his imitation rooster kicking the bucket and last but not least the Sophs in their excitement and self defense treated the interior of the Music Hall to a coat of iron sulphate. The week not being ended at this writing, it is not known what the Dr. has yet to face.

Mr. Robert Stevens, one of last years engineers, has been engaged the past week in making some cement blocks



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which are to be used for demonstration purposes before the engineers that are to meet in their annual conference at this institution next week.

Owing to the crowded condition of our school, no little inconvenience is experienced by several professors who must alternate with each other in the occupancy of some of the lecture rooms.

Owing to the icy condition of the walks from building to building, a number of unrecorded stars were discovered last week. Fortunately no bones were broken in making these observations. These stars might have been sighted last year if it were not for the fact that sand on the walks made this discovery difficult.

If iron sulphate is as suppressing to the growth of facial flagella as it is to dandelions, some of the Freshmen will have safety razors for sale.

Did Wallace have in mind the Freshmen when he said, "Alas, I cannot but repeat my fears that the bravest of men no longer exist?"

Dr. Fulton, of Moorhead, Dr. Anderson of Lake Park, and Dr. James, government inspector of Fargo were visitors at the Veterinary Department last week.

The plasters who are to plaster the new Chemical Laboratories began their work Thursday. Just when the Chemical building will be ready for occupancy can not safely be predicted at this time.

At Chicago, last week Prof. Bolley addressed a joint meeting made up of a number of manufacturing industries which are based upon the flax crop including crushers, paint manufacturers, linoleum manufacturers, printers ink, etc. These various industries are becoming alarmed at the gradual lessening of the output of flax seed and gathered together to see what they could do to help increase the acreage as well as yield. Prof. Bolley was called in consultation.

Miss Madge Baker will be the guest of Miss Ruby Head at church next Sunday evening. Such parties should become more common.

A third year class in German has just been formed for advanced students. This class will read the modern dramas during the winter term. The class is in charge of Dr. Batt, head of the department of foreign languages.

Messrs Dynes, Ruzicka and A. C. Anderson enjoyed a short visit from three friends from Bozeman, Montana, Thursday evening. These Bozeman gentlemen were members of the same N. P. survey party to which the three above A. C. fellows belonged last summer. These friends were passing thru the city on their way to Buenos Ayers, South America where they go to try their fortune in the far off southland.

It is understood that Miss Hooper has established an alibi that she was not at chapel last Monday. The evidence and reasons were convincing.

Dr. Putnam would be pleased to meet the fellow who ruptured the big base drum last week. Should he succeed in doing so the Spectrum may at last have something startling to offer its readers.

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