

THE WEEKLY SPECTRUM.

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NORTH DAKOTA AGRICULTURAL COLLEGE, TUESDAY, NOVEMBER 10, 1908.

PRICE 5 CENTS.

Y. W. C. A. Convenes At Grand Forks

Sixty-five Delegates in Annual Conferences of Christian Associations.

SATURDAY AND SUNDAY THE DAYS.

A. C. Girls Back Yesterday With Reports of a Splendid Profitable Time.

The Young Woman's Christian Association held their annual state convention at Grand Forks Sat. and Sunday, Nov. 6 and 7. Delegates from the various schools were present, about sixty-five in all.

Many of the delegates arrived on Friday evening and an organization meeting was held in the city association building. Miss Barns, Mrs. Benner and Miss Smith gave a few words of greeting to the girls. On Saturday morning the convention convened at the public library where Miss Beatrice Johnstone, of Grand Forks, led in a devotional meeting, explaining to the delegates what the convention should mean to them.

Rev. Adams of Fargo led in the Bible Study, taking "Faith" for his subject.

The reports of the different committees followed. Miss Moore, of Fargo College, gave a report of the State Committee.

In the absence of the treasurer, Miss True, the report was read by Miss Lindgren of Fargo College. The Secretary's report was given by Miss Fishback, State Secretary. The reports of the local associations followed. Fargo College, Agricultural College, Valley City Normal, University, Industrial School, New Rockford and the Grand Forks city association.

A short intermission followed in which the girls looked over the publication table and became better acquainted with the delegates.

Miss Pearl Smith, of Fargo, conducted the student conference, at which the difficulties and successes of the associations were discussed.

The afternoon session was presided over by Miss Fishback. Rev. Adams led in second Bible Study hour choosing "Faith", in a different meaning, as his subject.

Miss Barns, National Secretary, spoke upon missions, urging the girls to think more of the work in foreign lands.

At 4:30 all were invited to the University where a delightful social time was spent. A short program was rendered, refreshments served, and the different buildings visited.

Saturday evening, Miss Smith of Grand Forks, gave an organ recital which was very much appreciated. The High School Girls Glee Club sang two songs both of which were beautifully rendered.

Miss Barns again spoke using as her text Ps. 68:11—"The Lord gave the word and great are the number of women who publish it."

Sunday morning Miss Fishback led in the "Quiet Hour." Her

talk was a preparation for the day. The convention sermon was preached in the morning by Rev. W. W. Moore, of the First Methodist church, using "Witnessing for Christ" as his text.

The afternoon Vesper service was led by Miss Barns who spoke upon "Be ye not ashamed of Christ."

The work of the associations was presented in the various churches in the evening. After the evening service all the delegates convened to the Baptist church where Miss Fishback led the farewell service. At this meeting the girls expressed what they had gotten from the convention and Miss Rachel Green offered herself as student volunteer from Mayville Normal. The meeting closed by forming the convention circle and singing "Blest be the tie that binds".

The Association feel very grateful to the people of Grand Forks for their entertainment and their assistance in making the convention a success.

Science Session a Success Saturday

Interesting Papers are Delivered—

Banquet at Francis Hall,—
Bolley new "Prexy".

The Association of Science and Mathematics teachers meeting in Science Hall last Saturday proved to be a very interesting session. Papers on various phases of botany, mathematics and physics by prominent educators of the state including a talk on "practical physiography" by Professor Willard were delivered. Each talk was followed by a discussion by the delegates. The meeting proved highly successful and there was a very satisfactory attendance from the University, the normals and the high schools of the state.

New Officers.

Following the presentation of papers a business session was held for the election of officers for the ensuing year. Professor Bolley received the honor of the Presidency; C. C. Gray, Supt. of the Graf-ton School, Vice President; C. R. Travis of the Mayville Normal, Secretary.

The next meeting of the Association will probably be held at Mayville but this was not decided upon definitely.

Dinner at Francis.

All of the delegates took dinner at Francis Hall at which time the State Library Association delegates were among the guests. The Banquet was served by the Domestic Science Department.

Apparatus.

During the session of the Association C. H. Stoeling Co. of Chicago had on display in Science Hall a very fine display of Laboratory apparatus of the latest pattern. A projectoscope had been set and its workings were explained. The apparatus which was generally suitable for high school laboratories caused much favorable comment.

DEAN SHEPPARD IS TO SUPERINTEND CONTESTS

Will Have Charge of the Student Judging Contests at the International.

Dean Sheppard has been appointed superintendent of the student judging contest which occurs at Chicago on Nov. 28, the opening day of the International Live Stock Show. There is a great deal of responsibility and hard work attached to this position as in the contest there will be students from all parts of the United States as well as from Canada. It requires no little amount of skill and judgment to select rings in the different classes of live stock in such a way as to be fair to all.

One trouble often experienced at the International in the past was that some of the contesting students saw the animals before they came into the judging ring. This trouble the Dean proposes to eliminate by passing a stringent rule prohibiting the student from

entering the International grounds prior to the time of the contest. Any student proven to have violated this rule will forfeit his right to participate in the contest.

Dean Sheppard will leave for Washington Nov. 12, to attend the convention of Agricultural Colleges and Experiment Stations to which he has been chosen as a representative of this college. From Washington he will go to Chicago where he will proceed to arrange for the contest.

Faculty Entertainment At Dormitory.

Miss McCarty entertained the Faculty at the Dormitory on Monday evening, Nov. 2. Cards and Music were the chief amusements of the evening. Miss Grasse and Professor Beckwith favored the company with several musical selections which were very much appreciated. Supper was served about eleven, after which all departed feeling that they had spent a most enjoyable evening.

SECOND TEAM MEETS WITH VERY CHILLING RECEPTION AT HAWLEY

The second team returned from Hawley last Saturday evening bringing back with them a defeat that sounded like 44-0. They had played the city of Hawley during the afternoon, but were crushed by a larger team.

The first half of the game was six to nothing, and the A. C. team seemed to be holding their own in spite of the fact that they were not in the habit of playing upon a potato patch. In the second half the A. C. men were badly used up, and the Hawleyites ran away with them. For the A. C., Spaulding, McFee and Drummond did about the best work. For Hawley the referee played a fine game. His characteristic way of announcing the making of downs when Hawley had the ball was, "Come on, boys; we are all right."

FOR THE HIGH SCHOOL CHAMPIONSHIP

Next 3. Jay upon the Fargo field will be played a game that will decide the state collegiate championship. The following day the doughty little warriors of the Fargo High School will go up against the fast high school team of Minot for the Championship of the North Dakota secondary schools. Fargo has a team that hasn't been beaten yet this year and so has Minot. This game will be interesting and fast without a doubt.

May Pass Five Hundred Mark.

Thirty more of the belated Farm Husbandry men came in last week which swelled the registration for this fall term to 475. There is prospects of passing the five hundred mark this fall. Four years ago we passed the three hundred mark in the fall term for the first time.

Board this Week.

The regular meeting of the College board comes off this week. The Domestics are preparing their regular banquet in their honor.

Champion Football Game Friday

Satisfactory Agreement Is Reached and the A. C. Will Meet Fargo College.

REGISTRAR'S WORD IS FINAL

Rooters on Both Sides Are Confident—All Are Jubilant Over Prospect.

After several conferences last week the management of the Fargo College and the A. C. finally have agreed upon a contract, and as a result an opportunity for deciding the state championship is at last to be realized and the looked for contest will occur next Friday in the Athletic Park.

At one time last week it looked as though no agreement could be reached. Finally through the agency of Coach Magoffin and the team a contract was framed up and sent over to the Fargo College officials. The proposed contract proved satisfactory in every particular. The principal stipulation was that each school should play only bona fide students, and that all the players should be certified to by the registrars of their respective institutions and that this certification should be considered final.

The game is looked forward to by everybody as the fastest and closest game that will be played upon the local gridiron this fall.

The A. C. rooters are confident of the successful outcome of the contest, the Fargo College rooters feel the same way, and believe that their team will make the big end of the score.

The A. C. lineup for the game is uncertain. Kent Darrow's presence in the lineup is doubted. The rest of the men are in good condition and feel good over the prospect of one more fight before breaking training.

LAST NIGHT.

The boys were hard at practice last night. The play was somewhat ragged, but all the men were not out. Darrow was missed in the lineup and big "Cap. Liz" took his place. The boys say Darrow must get out. McGurren had not come back from a visit at his home yet, but is expected out tomorrow.

It looked good to see big "Heinie" Berg back on the field. He has decided to come back to school at last—all we kick on is that he did not come back sooner. It will be a comfort to see him on the sidelines Friday, even if he is not in the regular lineup.

The tone of the city press talks like Fargo College has a little more than even chances Friday. Wait and see.

B. D. Brown, democratic candidate for the U. S. Senate is a student at the University of Washington.

Professor Arvold says that other prizes will be offered later. This list of prizes should stimulate an interest in public speaking and give us the best contests this year that we have ever had.

Inter-Society Debate Practically Assured

Banner Will be Forthcoming if Societies Have Spirit to get into the Game.

There are now strong reasons for saying that the Athenian-Philomathian Debate will be made an annual affair. Professor Arvold has secured a fine banner and it will be forthcoming to the society that puts forward a winning team for one or two years in succession. At the last session of the Athenian Society the matter was brought favorably through no final action was taken. It has been learned that the Philomathians are also favorable. Professor Arvold is highly in favor of pulling the debate off this fall, say the last week of school in December.

Professor Arvold has been doing some strenuous work of late and has obtained a list of prizes for the oratorical debating and declamatory contests, these prizes are announced below and should have the effect of stimulating unusual interest in the art of expression.

Prizes:

The Masinoc Body offers a prize of fifty to seventy-five dollars for a watch to go to the winner of the Oratorical Contest.

A large silk banner with an appropriate inscription is offered to the winning society in an inter-society debate between the Athenian and Philomathian societies.

A set of books will be given to the student winning first place in the Local Oratorical Contest. The winner of the second place will receive a prize from the Oratorical Association as has been the custom in the past.

The best actor in the Dramatic Club will receive a prize which has not been decided upon as yet.

The regular gold and silver medals will be given to the winners of the Declamation Contest as before by President Worst.

Besides the above prizes Profes-

Prof. Willard Explains Stump Lake Formation

Most Novel and Interesting Geological Problem in N. D. is Discussed.

LAKE AND OLD FOREST LINED RIVER BED.

Probable Explanation of Existence of Devils Lake the Same.

At the regular meeting of the Polytechnic Society last Wednesday evening the principle feature of the meeting was a talk on "The Geology of Stump Lake" by Professor Willard. Stump Lake is a small lake situated in the east central part of North Dakota a short distance east of Devils Lake. The lake received its name from the many stumps which are found on the bottom of the lake and which are often used for fuel. Professor Willard has spent a great deal of time studying the geological conditions of the state and is better prepared to give an explanation of the geological formation of the different localities than any other person.

In studying any geological formation it becomes necessary to study the different layers of shale and deposit. This is what the speaker has done in his observation of the geology of Stump Lake. It is quite evident that this lake, as were also Devils Lake and the other lakes of that region, was formed by some kind of glacial action. As has been agreed upon by authorities the state in a southwesterly direction and extended as far as the Missouri River. The depth of the deposit left by this ice sheet can be determined by examining the places where shale is found and determining how much deposit there is on it. The shale is the bed rock that is supposed to have been here before the ice sheet passed over and left its deposit of dirt and ground up rock. Professor Willard found that the surface of Stump Lake is about ten to twelve feet below the shale. This would seem to indicate that the lake was not scooped out by the ice sheet as might be imagined but that it was a depression in the earth's surface filled by the deposit from the ice sheet.

Old River System.

In his study of this lake and the other lakes of that region he found that they all had the same general characteristics and that they all seemed to be a system of irregularities, that is they all seemed to have a main channel with long arms reaching out in all directions for varying distances. This bit of evidence would seem to lead to the conclusion that this chain of lakes might have been an old river system before the icesheet came, and that the ice just dammed up the river and formed lakes of it. Professor Willard did not say that this was the only solution of the problem but that it was seemingly the way of explaining the formation of Stump Lake as well as the other lakes of that region.

The speaker said that he hoped to make a closer study of this subject and perhaps either confirm the theory already advanced or discover another one that will explain it more satisfactorily.

The Y. M. C. A. at Nebraska gives a pot-pie supper each year. It was held last Saturday evening.

FARGO MOORHEAD LIMITED IS NOW READY FOR CONSTRUCTION.

The Junior class in Civil Engineering is completing the field work for their line of railroad which runs from a point south-east of the Moorhead water works across the Red River, through the southern part of Fargo, and south past the site for the filter plant; including a siding to the site of the plant. This is a practical problem such as are encountered in actual railroad building and includes all the work up to the point where the contract for the rail road grading is let. The class made a preliminary survey and topographical survey with a view to selecting the most practical and economical route, and then the final location and cross sectioning survey. Notes were kept and profiles and maps were drawn the same as is necessary in actual work. This work is of great value to the future engineers as it enables them to understand every detail of a railroad survey.

GUINEA PIGS DON'T LIKE WATER PARSNIP.

The department of Botany has lately been conducting some very interesting experiments to determine the question as to whether water-parsnip is to be looked upon as a plant destructive to stock or not. The preliminary experiments are being conducted upon guinea pigs. Mr. Mercer says that the little fellows are very wise and refuse to eat. If these tentative experiments give promises of valuable information it is probable that larger experiments will be conducted during the coming summer, and that the Chemical Department will aid by the exact study of the nature of the plant under consideration.

INTERESTING ADDITIONS TO CHEMICAL MUSEUM.

The chemical museum is to receive two valuable additions to its collections in the near future.

One will be an exhibit of carborundum from the Carborundum Co. Carborundum is a purely artificial product and is rapidly taking the place of the much more costly "black diamond". It is produced at a comparative low cost and its extreme hardness renders it of great value in the cutting and polishing of substances.

The other exhibit will consist of samples of commercial fertilizers from the Armor fertilizer works of Chicago. At the present fertilizers are just beginning to be used in the state but in the near future large quantities will probably be used, so that this exhibit should be of special interest to all agriculturists.

Both sets of specimens are expected within the next fortnight.

GOOD OPPORTUNITY FOR SCIENTIFIC WRITER.

Mr. Hughes states that the Department of Journalism is in need of a student who can write some good practical articles on gas engines, particularly in regard to the troubles arising with gas engines and how to remedy them. The writer of good articles of this type will receive recompensation for his time. Anyone interested in this proposition should see Mr. Hughes at once.

Have you seen Heath and Miller lately about the Alaskan gold fields.

New System of Credits Adopted at Chicago

Honor Point System Devised at the Chicago University

WILL RAISE PASSING MARK

Undergraduates are alarmed at the Prospect, is in an Innovation.

With the beginning of the summer quarter of the University of Chicago there was more or less alarm among the undergraduates from the fact that a new system of marking had been inaugurated which made more exacting requirements. This system is apparently an innovation and we believe that it will be of interest to many of our readers and will endeavor to give a brief outline of the same.

In beginning it may be said that the commission that drew up this plan was appointed because of a widespread recognition of the fact that there was a declining interest in scholarship among the undergraduates, due in part to system and elective courses, combined with the engrossing social requirements of the fraternities and the like.

"The commission based its report upon two principles: first, that the accumulation of merely pass credits should not lead graduation; second, that the faculty must supervise and with in reasonable limits control in the interest of the undergraduates the elementary required courses."

To bring this about the commission did not believe that merely raising the passing mark would have any result. To meet the requirements a system was devised that uses the letters A, B, C, D, E, F. The important part, however, was the assigning to the courses not only a major and a minor credit but adding the so called honor points. This means that courses considered in relation to graduation are to be judged both quantitatively and qualitatively. Thirty-six majors and seventy-two honor points will hence forth be required for a bachelors degree. To a mark A six honor points are attached; to B four; to C two; D has no honor points attached to it; E so far from having any value calls for the withdrawal of one honor point from the total record and F the deduction of two honor points."

From this it will be seen that a student to graduate must on the average obtain at least two honor points upon each of the thirty-six credits required. In other words he must maintain an average grade of C which represents a passing mark that is distinctly higher than the old system.

It is thought that this system will encourage the undergraduate not only to obtain pass credits but also to maintain an average excellence in his work. It is thought however that this will not make any radical change. An examination of the University records show that of the 160 that graduated in June 1906, eleven would have been refused their degree until they had completed at least one or two more quarters at the University.

Many students will accumulate credits greatly in advance of what is needed. This will serve as a basis for the granting of scholarships and student service appointments. It will also be used in deciding upon the dis-

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The Y. M. C. A. Committee Announce the following Lectures

COURSE FOR THE SEASON OF 1908 — 1909

Oct. 15th—Minneapolis Symphony Quartette with three Soloists.

Oct. 20th—Bishop Quayle, lectures on "Jean Val Jean."

Nov. 26th—Chicago Glee Club-Male Quartette.

Jan. 5th—Ross Crane Cartoonist and Humorist

March 19th—S. W. Gillilan—Lectures on "Sunshine and Awkwardness."

April 1st—Gov. John A. Johnson, Lectures on "The Majesty of the Law."

April 20th—Gov. John A. Folk, Lectures on "The Era of Consensus."

Course Ticket, with privilege of reservation, are \$2.50

Students tickets for the entire course are \$1.50.

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Dismissal of students. A student if he is advancing as he should, would in one year receive at least 18 honor points. A student that gets less than ten will be considered as having failed and will be dismissed.

Just what this new plan will do for raising the standard of scholarship is not known but the commission in their report and Dr. George E. Vincent who outlines the work of the commission in the "University of Chicago Magazine," to which we are indebted for this, say that the measure of the success of this plan will depend upon the spirit with which it is received and the extent to which there is elicited a devotion to scholarly ideals.

"A FARMER FOR ME"

A young lady who was writing a biographical sketch of her life for one of the preparatory English classes told of her life on the farm and how pleasant farm life is and ended by saying, "A farmer for me".

35 in Second Band.

The Second Band now numbers thirty five and is still growing. This band is now larger than the First Band and Dr. Putnam is planning on putting some of the Second Band men in the First Band before the end of the term.

MUSICALE

An informal musicale was given Saturday afternoon by the pupils of Miss Edythe Grasse. Those who took part and rendered musical selections were Misses Jessie Peterson, Lusia Lettner, Alma Erickson, Lemia Olson, Agnes Peterson, Emma Piper, Esther Evans, Ethel Peterson, Jennie Wodern, Daisy Hanson, Katharine and Rizpah Ladd, and Miss Prindle.

A cartoonist had an inspiration the other day and decorated the bulletin board with an "original" production.

The Analytics class had a couple of tests during past week. Have you noticed a worried expression on the faces of the Soph engineers lately.

"Bleached Flour Kills" Says Prof. Ladd

Defense upon the Stand throughout the Week and Rest Their Testimony.

RABBIT EXPERIMENT TELL STORY.

Arguments of Attorney Next in Order. — Case Will Close in a Day or Two.

The defense of the bleached flour case was resumed Monday of last week and Mr. Argrove, flour buyer for Spraygue Warne and Co. of Chicago, was called as the first witness. He substantiated the evidence the preceding Saturday, declaring that Durum was regularly mixed with hard wheat and the flour bleached and sold as the best brands.

Sheppard on Stand.

Late in the afternoon Professor Sheppard of the S. D. A. C. took the stand but was too late to give much evidence that day. The case rested Tuesday on account of the election. Upon Wednesday Professor Shepard finished his testimony. He dwelt largely with the chemical processes and the effects of bleaching and gave a number of tables showing the results of his investigations. These went to show that the bleaching not only injured the food value of the flour but left in it certain poisonous compounds in large enough quantities to prove harmful.

Rabbits are Killed.

Professor Ladd was the next witness and was on the stand part of Wednesday afternoon and most of Thursday.

Probably the most striking part of his testimony was the report of a series of experiments on rabbits to test the poisonous effects of bleached flour. That there might be no question as to the fairness of these tests, Professor Ladd did not perform them himself but had them conducted by Professor Smith of the S. D. S. C. and Dr. Van Es of this College.

Alcoholic solutions were made from over bleached flour and administered to the rabbits. In each case one fourth the amount of

flour in a loaf of bread was used. The results of these experiments were rather startling. A dose of from 11 to 15 c. c. of the solution from the over bleached flour proved fatal in every case. The rabbits showed violent symptoms of poisoning and died in from fifteen minutes to an hour.

The second series of experiments were carried on with solutions from bleached flour bought upon the market, just such flour as is retailed through out the country at the present time. The doses were the same as before and the results similar. The rabbits in every instance died within three to four hours. The symptoms of poisoning were not so violent as in the first case.

Under this solution from the unbleached flour were used but with the same dose as before and administered for three successive days. Aside from a little discomfort immediately after administering the alcohol the rabbit remained as healthy as ever.

This was a strong point for the defense, as it proved quite conclusively that bleached flour did contain harmful constituents not present in the unbleached flour.

Dr. Van Es then corroborated Professor Ladd's testimony, having himself examined all the rabbits experimented upon. This finished the direct defense and the summing up was begun at once.

Summing for Prosecution.

Through Saturday Professor Snyder and Dr. Haynes were the principal witnesses and both were questioned at some length. The chief point at issue was whether or not the bleached flour could or could not contain injurious constituents in large enough quantities to prove harmful. On this point both declared that even admitting such compounds to be present that it was impossible for them to occur in such amounts as would be the least bit detrimental to the consumer.

Target Practice.

There were no very brilliant scores made upon the target range last Friday owing to the wind. Some of the best marksmen lowered their records considerably. Despite of these unfavorable conditions Adjutant Neal made a record of thirty seven.

NORMAN POWELL PASSES AWAY.

It is with sorrow, deeply reflected from a host of our students who knew him, that we announce the death of our respected friend and fellow student, Norman B. Powell. The announcement of his relapse after a severe attack of the typhoid, lasting about four weeks, came as a shock to the students at noon last Thursday as they returned to the College Campus after dinner. They were under the impression that he was improving. This news proved to be only a preparation for the worst as the word of his death came only an hour later.

Norman came down with the typhoid a few days after his return to the College the first of Oct. It was a serious case from the first and his parents, Mr. and Mrs. R. F. Powell of Cando, were at his side constantly from the second week.

His parents took the body to their Cando home the following day, and the funeral services took place Sunday.

One of the most popular and prominent of our students will be with us no more. Norman Powell was a member of the Sophomore class, but was on his third year at the College having spent one year as a preparatory student. He was last spring honored with the presidency of the Young Men's Christian Association and the Students organization. He was prominent in the Athenian Society the Agricultural Club and his class.

All of these organizations have joined in expressing their sympathy to the sorrowing parents and as token flower wreaths were severally contributed by them to accompany the body of their friend and fellow member to the final resting place.

A number of the young men of the College took considerable interest in the Y. W. C. A. convention at Grand Forks. One in particular came into the Spectrum office with a puzzled expression on his face and said "Who all are going to Grand Forks any way?" When told he looked somewhat relieved and was heard to say to him self "O I understand the reason now".

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STUDENT JUDGES

ARE WORKING HARD FOR THE ST. PAUL CONTEST

As the time draws near every member of the advanced stock judging class are straining every effort to be among the lucky five who shall be found to be the most proficient in the art of "knowing stock" and will be given the honor of representing the College in the intercollegiate stock-judging contest to be held in St. Paul the coming week.

The class has completed its work upon the horses, sheep, and swine. The remainder of the time before going to St. Paul will be devoted to the fat classes of cattle. The Professor Richards will announce upon Wednesday the name of the five men who will make the team.

Mean

Some of the students at DePauw had much fun out of a trick they played on the girls in the dormitory last week. They scattered maple syrup over the upper halls, and then fired a cannon cracker under a barrel in the hall. The girls ran out into the syrup, others crawled under the beds, and a few prayed. The guilty rascals who played the trick have not been discovered.

Miss McCarty Entertained

On Wednesday evening, Nov. 4th, Miss McCarty entertained a small company at cards. Mrs. Ash, Misses Lockerby and Glacier, Messers Arvold, Beckwith, Churchill, and Richards were among those present. A very enjoyable time is reported.

Professor Waldron,—(to class in horticulture who are inclined to sleep while during recitation) to sleep during recitation): ture tomorrow so you fellows can catch up with your sleep.

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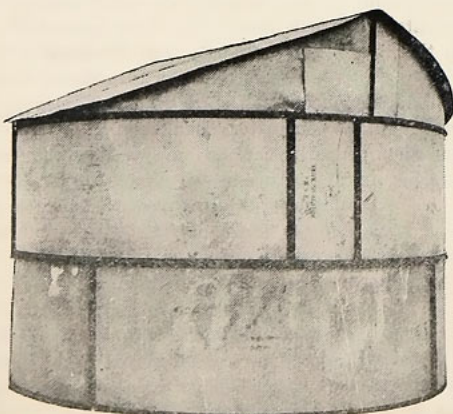
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Published every Tuesday of the school year by the students of the North Dakota Agricultural College, at Ulsaker Bros., 207 Broadway, Fargo, N. D.
S. V. Anderson.....Publisher

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Obituary.

We are announcing in our columns the death of one of our students and whom all of us respected. Norman Powell was among those who cast their lot with the Spectrum at the beginning of the school year and although illness took him away before he scarcely began his work with us, we know that we lost one from which much could be expected.

It is sad to think that one who had such promise and who had won such regard from his associates should be called away before he had hardly entered upon life; and yet it must be a source of comfort to his parents and to his loved one, as it is to his friends, to know with what regard he was held in the estimation of all.

Taft is Elected.

Once more have the people of the United States decided by exercise of their franchise right who should hold the highest honor and the guiding reins of this Republic. Now that the pre-election talk is over the people will quiet down and the world will go on as before. Some undoubtedly still feel that the best choice has not been made but the majority are jubilant. All accept the election returns as final "for the people rule".

The wisdom of the peoples choice will be determined in the course of the next four years. But with a man with such record, and such wide experience in public life as has William Howard Taft we need not fear that, tho all may not be done that some believe should be done, the country will weather the next four years in safety and with upward progress.

Friday.

Next Friday in the Athletic Park will be gathered one of the largest crowds that has ever seen a foot ball game in the city of Fargo. The A. C. will go up

against the best team that our sister institution on the sunny side of town has ever put upon the gridiron. We are not going to raise the question "Will the A. C. beat them?" Of course we will, but there is every reason to believe that we can not do it without trying. We have all confidence in the team and Coach Magoffin. They will do their part.

What then is left for the rest of us. The rooting. Let us for once have the people of Fargo when they leave the Athletic Park upon Friday afternoon go away with the idea that that the A. C. has a bunch of rooters that not only have college spirit but know how to use it. Fargo College has in the past demonstrated that they have a loyal bunch of rooters and at this game the city of Fargo is going to turn out and a large part of their sympathy will be directed to Fargo College. Should the tide turn against us the entire crowd would be against us. Let us all be there and no matter which way the game goes keep in the lead and when the end of the first half comes, let us have a field parade which in place of a bunch of fifty getting out and following the band let us have four hundred and fifty, and let us have a demonstration that is worth while. When the game is over let us not be afraid to let lose. Let us show those eleven men that will have fought the battle for us that we are alive, really alive.

Be Sociable.

We as students have been Ritzed by outsiders for not being sociable at our social gatherings and other places where we meet each other and students from other schools. They say they do not like to come out here because we do not welcome them and make them feel as though we wanted them to visit us. Strangers say that A. C. students are hard to become acquainted with.

Now don't give our friends and visitors the opportunity of saying this again. Let us resolve to make every visitor that we come in contact with feel that we have an interest in him and like to have him with us and when we part leave the impression that we are better off for having known him. When a new student comes to one of our society meetings or social functions let us learn his name and make him acquainted with other members and show that we appreciate his presence and would like to have him come again. This is not always an easy task and it requires tact to make a person feel at his ease, as it were, but now is an excellent opportunity to cultivate this art and not only benefit our fellow students and friends but ourselves as well. The next time you go to a society meeting, where general conversation is engaged in, or social function just try the experiment of trying to show somebody a good

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time and if you don't have the most enjoyable evening of the term it will be something extraordinary. Don't let the old students all congregate in one place, like so much oil on a dish of water and talk, leaving the new students and visitors to amuse themselves as best they can or go home without having met anybody, as they do in many cases, but endeavor to make everybody acquainted. Of course one person can not do much, but if each one would do their part our social standard would be much higher and everybody would be happier. Now let us put some of these suggestions into practice and not give people a chance to say that we are unsociable, for we are not—we are just a little thoughtless at times.

The Independent, a weekly newspaper of the University of Missior is published on Sunday.

To Staff.

As has been previously announced for repeated failure to report upon assignments names will be dropped from the staff roll without notice.

The mechanical details connected with the Spectrum entails considerable work but when properly distributed on each person no one suffers. When any one of the staff fails to report upon any assignment it throws the extra work upon the editors. For this reason we wish to ask again that if reporters can not handle assignments to report to the editors at once that another reporter may be detailed.

Forge Shop is Full.

The forge shop is rapidly filling the second division which was recently started being nearly full. It is likely that a third section will soon be started which will work from 1:30 to 3:30 on Thursdays, Fridays and Saturday.

Extend Congratulations.

Extend congratulations and be ready for the cigars most any time now. We have learned on good authority that Professor Guinness has rented a furnished house and will start up house keeping soon after Thanksgiving. Two explanations have reached us but we are as yet unable to verify them. Our dispatches to Larimore have been delayed and Mr. Guinness has not divulged any information on this end of the line.

The Michigan sopomore women have decided that the freshmen girls must wear green sunbonnets.

The Freshmen of the University of Washington recently went through the formality of burying the Sophomore class. This was done at ten o'clock in the morning with all pomp and ceremony on the Campus green.

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Society

Y. W. C. A.
 The Mission Study Class met on Wednesday evening, Nov. 4th. After the discussion of the lesson Emily May read a short story, "How Long Must I Wait", by one of the missionaries to China. The story dealt with the need of teachers and schools in China. A large number of girls were present and the work is progressing nicely.

Bible Study.
 There are now three Bible Study classes organized. The advanced class studying the "Life of Paul", meets every Monday at three thirty. The beginners class led by Mathilda Thompson meets Wednesdays at the same hour. This class is studying the "Life of Christ."

Kathryn Grest has charge of a second beginners' class on the "Life of Christ." This class meets every Friday at 3:30. Every girl in the College is invited and urged to become a member of one of these three classes.

Y. M. C. A.
 At the weekly meeting of the Y. M. C. A. last Wednesday afternoon, Professor O. W. Dynes gave a most interesting talk on the problems which confront the new student. He dwelt particularly upon the broadening influence of the college life and the consequent change in the ideals and manner of thinking. He also warned the student against allowing these new influences to weaken their sympathy with home training and associations. While the address was more especially for the new students, it was quite as interesting to those who, through longer experience, realized even more fully its truth. The attendance showed an increase over the week before and it is hoped that the numbers will be still larger at tomorrow's meeting.

PHARMACEUTICAL CLUB.
 Original Story—Mr. Carmen.
 Paper—Mr. Foss.
 Talk—Prof. Brown.
 Debate: "Resolved, That a lady is more adapted to be a pharmacist than a man."
 The affirmative is to be upheld by Miss Moyer and Miss Englehorn; the negative by Mr. Ward and Mr. Walker.
 Criticisms—Mr. Baernstein.
 All present will act as judges of the debate. The above program will be given upon Friday, the

13th, in accordance with the faculty ruling for technical organizations in place of upon the 6th as announced.

TEACHERS' CLUB.
 The Teachers' Club will meet in chapel Friday evening, Nov. 13, at 8 o'clock. The following program will be rendered:
 Instrumental Solo—Ruth Hull.
 Reading—Julia Johnson.
 Violin Solo—Olaf Hendrickson.

The Relation of Agriculture to the Student—William Lanxon.
 Duet—Misses Piers and McCannell.
 Grasses and Grains—Prof. O. W. Dynes.
 Parliamentary Practice—Prof. A. D. Weeks.
 Criticisms—Ole Neraal.
 Everybody is invited to come.

DRAMATIC CLUB.
 At a meeting of the Dramatic Club last week it was decided to this year put the three-act drama, "Lucy White," upon the stage. This play is one of Nat Goodwin's little comedy successes, and it is thought that the production will be a credit to the Club.

The schedule for the spring trip during the spring vacation, has been made out. The points to be visited are Bismarek, Minot and Jamestown.
 At this meeting Irving Phelps was voted in as a member of the society.

AGRICULTURAL CLUB.
 The meeting of the Agricultural Club Saturday evening proved to be the most enthusiastic meeting of the term. The attendance was large and the program was well rendered. One thing noticeable about the club this year that is very gratifying to the older members is that the new students who have joined the society are taking a live interest in the society.
Program Nov. 14, 1908.
 The Student and His Home Community—James Thoreson.
 Address—Prof. O. W. Dynes.
 Music—Selected.
 Debate: "Resolved, That the interests of the American farmer demands a reduction of the tariff."

Affirmative—J. C. Russel, Wm. Maxwell, L. S. Reitan.
 Negative—Dean W. Mendenhall, Fred Faust, Philip Moun.
 Critic—W. H. Meezer.

Athenian.
 The Athenian Literary Society held its regular literary session Friday evening. Although many of the Athenian girls were absent because of the Y. W. C. A. Convention at Grand Forks, a fair sized audience was in attendance. The meeting was opened by the singing of Our Alma Mater by the audience. Maud Morrow gave a reading. "The Relation of the Short Course Students to the College Students" was the subject of a paper given by Edwin Traynor and proved to be of exceptional value not only as being interesting but it was also the best exposition of the subject that has ever been given within hearing of those present. Olaf Hendrickson favored the society with a violin solo which was well received. "Present Day Opportunities in Literature" was a paper written by Ruby Gibbons who was a delegate to the Convention so Margaret Magill read the paper for her. The paper was well written and delivered in a pleasing style. Professor C. I. Gunness gave a talk on the progress of the society from the standpoint of an old member and ar-

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dent supporter. The last number on the program was a spelling match. Peter Olson and Leo Thien were the leaders and chose sides. The words to be spelled were technical terms of not more than three syllables and were given by the leaders to the opposite sides. Much amusement was afforded. Mr. Olson's side was victorious.

The laboratory work for this division of the Biological work is at the present carried on in the Experiment Station Laboratory, and for this reason both lines of work suffer somewhat. It is hoped by the men in the Biological Department that the legislature this coming session will see the advisability of finishing Science Hall so that the Divisions of Zoology,

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Personal And Public Sanitation

Convocation Address by Prof.
 Beckwith Takes the Form of
 Practical Talk.

**BACTERIAL PROBLEMS DIS-
 CUSSED.**

Progress in the Science and Effect
 on Human Life is Noted
 in the Address.

The subject of personal and public sanitation is one of very recent development. Less than half a century ago it was believed that disease, and the causes which result in them, were of spontaneous origin and many various and rather mystical methods of combating them were used. In the light of modern development, however, of the science known as Bacteriology we now know that diseases are caused by what we call "germs" or "bacteria". It may be said that all of the principal diseases with which we have general acquaintance have a living cause.

There are many kinds of bacteria. Fortunately for us by far the greater part of them are entirely harmless. It is about 350 years ago that a Dutch lens grinder discovered that a broth in-

fusion was filled with exceedingly small rods which we now know to be bacteria.

Examples of Bacteria.

There are certain specific bacteria, that by their action bring about certain specific diseases.

These bacteria are carried by many different agencies. They are found present in our water. Milk is also an ideal medium for their growth. Soil is loaded with them, especially in the upper layers where the air can penetrate. A single ounce of soil as found upon our farm taken two inches below the surface contained 300,000,000 of them. Dust which is swept hither and thither by the air is a great carrier of bacteria. Flies, and other insects carry with them great masses of these germs.

As we have stated, by far the greater part of these germs are harmless, but there may be a few which shall be able to cause disease, or pathogenic, as we call them. Consequently, our human bodies stand in constant danger of infection from some of these germs which may cause disease.

Since these bacteria are so extremely common and cannot possibly be escaped it is a matter of extreme importance that as long as we cannot get rid of them, we take pains to live in such a way as to fulfill certain conditions which do not allow them to gain a foothold in our bodies. If nature has put these disease germs so

constantly in our way that we cannot possibly escape their presence, she has also given us extreme protective agencies by means of which we can resist the effects of these conditions, and thereby ward off their bad results. We have in our bodies then, these agencies which naturally combat these disease germs, and we speak of them under the heading of Natural Immunity.

It becomes of extreme importance then for us to preserve the standard of this bodily resistance, and this can be maintained principally by living properly. It therefore becomes necessary that we ward off disease by obeying the common, ordinary rules of health. A sufficient amount of sleep is necessary, for during this time of rest our worn-out functions recuperate. Cleanliness is also essential for by keeping up the standard of this there are constantly removed from our bodies waste material which is thrown off, and the presence of that material acts much in the same manner as would the clogging of a sewer.

We should be careful what water we drink also. Typhoid, especially, is carried by water and by milk. Consequently it is a dangerous thing to drink water which may come from a district where there have been cases of disease and other intestinal diseases. If you do not know the source of water which you use on the table the safest method is to boil it, thereby killing those germs which may cause disease. Plenty open air is essential.

Living in a close over-heated room or under-heated room, also lowers the natural resistance of the lungs, and of the body generally. We say that we "catch cold", and we know that colds are caused by germs which are normally present in the human mouth. By breaking some of these laws which help the natural resistance of the body some of these germs which are naturally present in the human mouth as harmless individuals obtain a foothold in the mucous membrane of the head, that membrane which lines the nasal passages and the throat, and thus we develop a disease which we term a cold. It is interesting to note right here that in the North Temperate Zone one out of every seven people die from tuberculosis in some form or other. It may occur as lung trouble, skin diseases, diseases of the joints, as intestinal troubles, etc. Many of these troubles are caused by the tuberculosis germs under various conditions. In the great cities of the United States one out of every four people die of trouble of the lungs. The principle cause of this disease are tuberculosis and pneumonia. Pneumonia is a very common disease, and in New York City is causing more deaths than

tuberculosis. It is a disease for the prevention of which many State Boards of Health are devoting a greater part of their energies to find a prevention.

Right living, then maintains the resistance of the body, and observations on the laws of life in our every day life means a greater number of years for us. This is especially noticeable in the fact that during the last 25 to 35 years while we have been learning more concerning personal sanitation, the length of the average human life has been increased about 15 years. Before that time the average human being lived about 33 years. Now we stand even chances from the time of birth of living from 45 to 50 years. It becomes, then a matter of prime importance for us to observe these precautions, these laws, of nature, and as far as lies within our power to live accordingly.

WHERE IS THE COACH?

"Where is Coach Magoffin?" The football men were on the verge of a strike. "Would there be any practice or would there not?" It didn't look that way, for the coach could not be found. This was the condition of affairs last Thursday afternoon at four o'clock.

Finally some one had an inspiration and a messenger in the form of Johnny Halland, Jr. was despatched to the top floor of the Engineering building to see if he hadn't received a sudden artistic inspiration. But for once he was not to be found.

The Coach finally turned up and equilibrium was restored in the athletic circles. It is said that business matters detained him down town.

Some clover remains to be threshed on the station. Work was started on it Saturday.

Holderman (on his way to English) say have you a sheet of theme paper?

Ans. No, what do you want it for.

Holderman—I have a theme due today and I want to start it and tell the Professor that I did not have time to finish it.

The horticulturists were planning a period of relaxation during the Professor's absence but were sadly disappointed, for each must hand in a thesis upon the Professors return.

The Athenians have a much greater appreciation of the English language since hearing Olson's list of jaw breakers at the spelling match the other evening.

Now that election is over Mr. Dudrey is able to sleep nights and is quite punctual at his eight o'clock geometry class.

Miss P. (in Bact.) exhibiting a piece of cake with a thin layer of cotton batting) "Prof—what kind of a mold is this?"

Prof. (examining it) — I think that is our old friend Mucor Stonifer.

The students at the Dormitory take it upon themselves to call the attention of a few of the faculty members to the one fundamental law at the Dorm. "No callers to stay after ten." This would interfere with their regular work.

President Garfield of Williams College, recently appointed, is the eldest son of James A. Garfield.

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PERSONAL
Fred Birch was a frequent visitor on the Campus last week.
Adolf Lysne has come back to take up his Farm Husbandry Course.
Professor McDowell was seen about the Campus last Tuesday.

Katherine Campell of the Moorhead Normal was a Campus visitor last Tuesday.
Mr. A. W. Thomas is visiting his sons at the College.

H. J. Hughes attended the corn show at Langdon last week in the interest of the Dakota Farmer.
Mr. Eastgate of Larimore was a visitor at the Polytechnic Society last Wednesday evening.

Albert Gulman is back once more. He will finish his Farm Husbandry Course this fall.
Sadie Barret left last Monday for a couple of weeks visit with her relatives in Steele County.

Katherine Hathaway has been absent from school recently on account of illness.
Professor Householder was back again Saturday morning. He was glad to see Dakota once more.

Miss Richards of Valley City Schools was visiting her brother Professor Richards over Saturday.
Mr. Churchill will speak upon Some Recent Discoveries in Plant Culture Nov 18 at the Polytech.

Professor Bolley has decided it was time to let the Dandelions alone for this year.
Martin Hoveskeland is sick with the typhoid at the St. Johns Hospital. He is reported as improving.

Professor Waldron left last week for Chicago where he is attending the National Flower Show which began there last Friday.
Professor Weeks has undertaken the task giving the Teacher's Club some instruction in parliamentary practice.

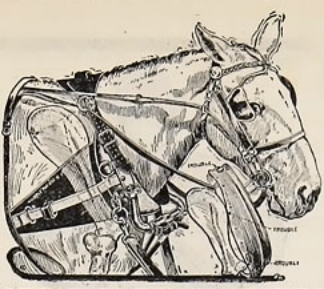
With his soil map under his arm Professor Willard stated for Chicago Saturday night where he will arrange for the publication of the same.
Mr. Randlett went to Langdon last week to what was one of the biggest corn shows to be held in the state this year.

Frank CeGurren of the foot ball squad was called to his home in Casselton Sat. by the news of a serious injury of which his father was the victim.
"Pa" Phelps was under the weather last Saturday and went to Grafton for a few days to recuperate.

Harold McKinstry will spend a few days in Davenport this week aiding in the survey of the soils of a farm in that vicinity.
John Pease is planning to leave within a week or two. He is thinking of going to Morningside College, Sioux City, Iowa, to take up the study of law.

John Brander's sister was his guest over Sunday. Miss Brander is on her way to the Mayville Normal.
Professor Randlett and Miss McCarty will attend the teachers institute at Mayville next Saturday.

John Anderson, our College engineer, met with a painful accident last Friday when he cut off the end of his finger in the gearing of a traction engine.



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Mr. M. F. Greely, editor of the "North Dakota Farmer" called upon Superintendent Hoverstad to confer with him in regard to the Farmer's Institutes.

Mr. Fitz arrived last week to take charge of the government baking laboratory which has been established in connection with the Chemical Department.
Professors Sanford and Kingford of the Moorhead Normal and Mr. Lurten, Supt of Schools of Moorhead were visitors at the Polytechnic Society last week.

Ida Billings returned Wednesday from her home in Lisbon, N. D., having been called by the serious illness and the death of her cousin.

John Magill had a Bryan poem in the News the day before election. It gave some good advice to the voters who, however, have decided to think it over for four years more before they act upon it.

Genevieve Holkesvig, '08, attended the meeting of the Science and Mathematics Teachers Meeting last Saturday and incidentally had a good time visiting with her numerous friends at the College.

J. R. Blackburn, head of a party of land examiners for the N. P. was the guest of Burke Critchfield over Sunday. Mr. Blackburn is a Minnesota A. C. man but is now enroute for his home at Royal, Nebraska.

If you see R. E. Miller or Lazure going through any action characteristic of the public charge don't get frightened, its one of the requisites of the initiation into a Greek letter society.

A number of young ladies of the Valley City Normal were entertained at the Dormitory Friday night. They were on their way to Grand Forks as delegates to the State Convention of the Y. W. C. A.

Among the students that will leave next Sunday for St. Paul to attend the Northwestern Live Stock Show are Messers Critchfield Plath, Ruzicka, Traynor, Berthenson, Hofstrand, Dinwoodie, and Movig.

Henry Berg passed through Fargo last Sunday, and stopped over to visit with a bunch of his old College friends. He was enroute from his Montana sojourn to his home in Mennesota. Berg will not be back to school this year.

Professor Richards and Messers Plath and Critchfield are planing to take in the International Live Stock Show at Chicago this fall.
Dean Sheppard and Professor Richards left yesterday for New Salem in the interest of the cooperative breeding experiments with Holstein-Friesian cattle which are being conducted in connection with the United States Department of Agriculture.

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FARGO SEED HOUSE
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Fargo, North Dakota,

Professor Beckwith will address the teachers institute to be held at Mayville next Saturday. His subject will be the Teacher and the Health of the Pupil.

Secretary Nugent was to have severed his connections with the College the first of the month but in the absence of Mr. Yoder will stay until the middle of the month.

Professor Dynes went to Hawley with the second team last Saturday as manager. It was noticed that it was with reluctance that he left his work at this time as it is thought that he much desired to take in the meeting of the Science teachers.

Dean Sheppard, leaves next Thursday for Washington, D. C., to attend the annual session of the American Association of Agricultural Colleges. He will be accompanied by Mrs. Sheppard's mother, Mrs. Taylor as far as Jolite, Ill., where Mrs. Taylor expects to visit.

The Women's League at Northwestern will hold a good-for-nothing party. Each guest is requested to bring something which has ceased to be of use.

Esperanto has recently been added to the curriculum of the Massachusetts Institute of Technology, as has already been done by the University of Chicago, Northwestern University and the University of Wisconsin.

Wisconsin students have been wearing "W" buttons too freely. is the decree of the athletic powers there. No one but those to whom the "W" has been awarded will be allowed to wear the buttons.

The underclassmen at Amherst hold each fall a cider track meet. The winning team gets a fifty gallon barrel of cider which is opened on the field.

Some sophomores at De Pauw recently started in to haze an evangelist, thinking he was a freshman. The authorities have not yet decided what to do to them.



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N. P. OFFICIAL USEING ENGINEERING LIBRARY

Mr. J. H. Morris of the North-ern Pacific Rail Road Company was a visitor at the Engineering Building Friday. Mr. Morris is collecting data relative to the septic system of sewage disposal and desired to avail himself of the engineering library and laboratory facilities for investigational work.

Physics Class Studying Barometers.

The Junior class in physics is making a special study of barometers and are measuring the height of the different buildings on the campus by the use of the aneroid barometer.

The A. C. band will furnish music for this game and advertise it in the same manner as it has the A. C. games. Dr. Putnam has received much commendation from the city press for offering the service of the band upon this occasion.

GREEK LETTER MEN PROMISE GOOD TIME AT FRIDAY'S DANCE.

In the past it has been the general remark that when the Alpha Mu Society has attempted social affairs that they have always been attended with success and from the preparations that are in order we have every reason to believe that the dance that they have planned for next Friday night will be as enjoyable as have any of the functions that they have engineered in the past.

A six piece orchestra will furnish the music and all are invited to come and trip the light fantastic upon the best floor of the city.

"PREXY" OFF TO WITNESS LAUNCHING OF BATTLESHIP "NORTH DAKOTA".

President Worst left Saturday night for Boston where he will attend the launching of the battleship North Dakota which will take place Nov. 10. He will spend one day in Boston and two days in New York after which he will leave for Washington, D. C., where he will attend conventions and committee meetings from the thirteenth to the twentieth.

He is on a committee to prepare a bill on Sanitary Inspection; this committee will meet the 13th and 14th. He will attend a convention of the Association of Farmers' Institute Workers which will be held Nov. 16th and 17th. On the 17th he will attend a meeting of the committee on Country Life. 18th, 19th, and 20th he will attend a convention of the American Association of Agricultural Colleges.

Mrs. Worst will accompany the President as far as Washington where she will leave him to visit in Ohio after spending one day in the Capital City. The President leaves Washington on the 20th to join Mrs. Worst in Ohio where he will spend a day visiting after which they will leave for home, arriving in Fargo about Nov. 20.

PRES. WORST DELIVERED ADDRESS AT CROOKSTON.

Presiden Worst was at Crookston, Minn. last Wednesday where he delivered an address on "Horticulture and its Influence on Chaacter". He also delivered a short address in the evening at the Commercial Club Banquet at Crookston.

FISHING FOR A WHALE.

Alpha Mu Candidates Cause Excitement On Broadway.

Last Friday evening Messers Miller and Laizure, who are candidates for membership in the Alpha Mu Fraternity, caused considerable excitement on Broadway. They were each given a fishing pole and bucket and stationed before the Broadway Cigar Store. They proceeded to fish and when asked what they were doing, merely replied, "Fishing for a Whale". Some people thought they were crozy and others thought they were hypnotized.

This is only one of the many things that members of this fraternity are required to do before entering. Last Monday noon these same gentlemen went on the stump at the College corner and proceeded to make speeches to the students and faculty as they passed on their way to dinner in regard to the qualities of the Presidential candidates. Mr. Laizure speaking in favor of Mr. Taft and Mr. Miller in favor of Mr. Bryan. Keep your eyes open for the antics of the candidates as this is the last week.



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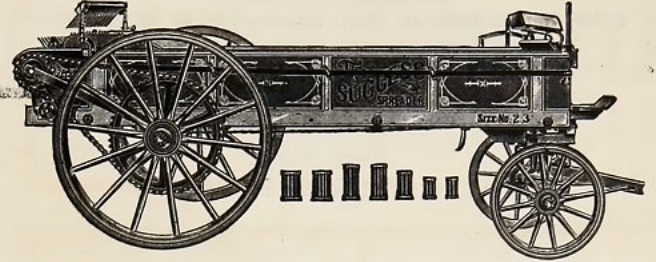
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Auto Gets a Rest.

Sunday evening an auto which was carrying two gentlemen decided to take a rest just as it got in front of the Spectrum office. The gentlemen decided to let it think the matter over and left it under the Spectrum windows over night.

For Sale.

One furlined over coat, extra heavy; size 38. Enquire at the office of College Secretary.

C. P. —I don't know how to do my spooning on the Street.

Emma Nelson, a former student, was visiting Kathryn Grest last week. She expects to continue her work at the A. C. next term.

Emma Bohlmeir, a student of last year and now teaching near Erie, N. D., was a pleasant visitor at the Dormitory Sunday.

Josephine Morrow of Erie spent Sunday with her sister at the Dormitory.

Miss Hansen of Abercrombie, N. D., was the guest of her friend, Clara Gunness, Tuesday.

Twenty-nine to nothing. We have been there and can sympathize.