

# The Weekly Spectrum.

VOL. XII. NUMBER 13. NORTH DAKOTA AGRICULTURAL COLLEGE, TUESDAY, JANUARY 7, 1908.

PRICE 5 CENTS

## Big Meeting in Madison.

Prof. Rose Read a Paper—Instructors in Agricultural Engineering Organize.

The first general meeting of the instructors in agricultural engineering ever held in the United States was held at the University in Madison, Wisconsin, on Dec. 27 and 28. Representatives were present from most of the central states and also from New York and Ontario. The object of the meeting was to outline the scope of the work that should be offered in agricultural engineering and to discuss the best methods of presenting the different subjects. To this end an extensive program was presented from which the following are extracts:

Address of welcome, by Dean Russel, of Wisconsin.

Paper, "The courses in agricultural engineering that should be offered," by Howard W. Riley, Cornell University.

Paper, "Need of Research Work in Agricultural Engineering," by H. M. Bainer, Colorado Agricultural College.

Address, "Importance of Traction Engineers Having the Proper Education," by B. B. Clark, American Thresherman.

Paper, "Shop Courses For Agricultural Students," by William Boss, University of Minnesota.

Paper, "Instruction in the Use of Cement and Concrete," by C. A. Ocock, University of Wisconsin.

Paper, "Teaching a Course in Farm Motors," by P. S. Rose, North Dakota Agricultural College.

Paper, "Instruction in Farm Machinery," by L. W. Chase, University of Nebraska.

Address, "Irrigation and Drainage Investigations, Office of Experiment Stations," by R. P. Teele, Department of Agriculture, Washington, D. C.

Paper, "A Course in Rural Architecture, or Farm Buildings," by F. R. Crane, University of Illinois.

Paper, "Agricultural Engineering Literature," by W. H. Hummel, Colorado Agricultural College.

Business meeting.

Agricultural engineering is a new subject in education. It started in a small way in this institution about eleven years ago. Later it was taken up in other institutions throughout the country, notably in the State Colleges of Iowa, Illinois and Wisconsin, where it has been made one of the regular departments. It is coming to be pretty clearly recognized that the time has passed when all the rural engineering work in this country can be safely intrusted to a cross roads blacksmith or carpenter.

The meeting in Madison this year has undoubtedly done a great deal of good in the interchange of ideas; has very likely cleared up many points that were not clear in the minds of many of the representatives before. The value of such meetings was so apparent that a permanent organization was effected. Next year the society will meet at the University of Illinois. The proceedings of the society will later be published in pamphlet form.

### NEMZEK ASSISTANT.

A new addition was made to The Spectrum staff this week when Manager Heath appointed Leo P. Nemzek as Assistant Business Manager. Mr. Nemzek has had much experience with newspapers and advertising prior to his advertising work in connection with The Spectrum during the past term. The new assistant will have charge of this department of The Weekly Spectrum and will assist the Manager who is devoting his surplus time and energy to increasing the circulation.

The success of a paper is necessarily dependent upon the efficiency of the management, and Manager Heath is to be congratulated upon his selection of a man who is not only esteemed among the tradesmen of this city for his business integrity, but who is also exceedingly popular with the student body because of his interest in all College activities.

### DR. PUTNAM THIRD.

Dr. Putnam made a close race for second place in Stone's piano contest, winning third place. The prize was a Chickering Grand Piano, Louis 15th style, art finish. It is a beautiful piano, of which Dr. Putnam is justly proud.

### MUSIC.

Dr. Putnam announces the following as of interest to musicians of the College: The Cadet Band will meet on Monday, Wednesday and Friday of each week at 3:30 p. m. The second beginners' band will meet on the same days at 4:30 p. m. Those wishing to take up violin work will meet the instructor at his studio at the Music Hall on Tuesday of each week.

### PROFESSOR'S PREDICAMENT.

"The Professor's Predicament" will be presented by the Edwin Booth Dramatic Club of the Agricultural College this month at the Fargo Opera House. The plot of this comedy is an unusually strong one. Pansy, the supposed daughter of a ruffian, Staples, and sister of Harold Dexter, runs away from her father and is found by the artist Featherstone, alias Marks, a detective. She meets the Professor in the mountains and the latter, who has already placed himself in the unenviable predicament of being engaged to three girls at once, falls in love with Pansy, and "resolves to lead a bachelor life no longer."

The cast includes sixteen talented young people of the College, and under the efficient direction of Professor Arvold, promises to be of a higher order than the average amateur performance.

As far as made up, the basketball schedule for this winter will include games for both boys' and girls' teams with both Valley City and Mayville Normals, Tower City High, and State Science School at Wahpeton. The boys will also play with St. John's. Altogether the girls will probably play eight games and the boys ten. The season will close the week before examinations. Dates for the various games have not been announced.

## Convocation.

President Worst Speaks.

Chapel exercises were held in the Armory on Monday in order to accommodate the large number of students. Nearly 600 students gathered to listen to excellent music furnished by Dr. Putnam's band and to the words of welcome by Pres. Worst.

Pres. Worst spoke of the excellent new buildings and the remodeling of the old ones, and asked that the students use them as they should be used. He gave some very good advice in saying that we should apply ourselves and to get all the benefit from our instructors that they have to give. "Be honest in all the work of life." "Come back to the common trait of honesty." "Be honest and compel others to be honest with you." "Be honest with yourselves. What you do here this winter will follow and influence you for many years to come." "The future of this institution depends on the present students." "The purpose of the College is to help you to enjoy your future work. The A. C. is yours and you are to make it what you will. Make it worth while."

The President gave some wholesome advice in regard to personal conduct and asked that students refrain from smoking on the campus. Also, he asked the students to keep away from Moorhead, and explained to them why this was for their own good. President Worst extended a hearty greeting of welcome to the new students in behalf of the faculty and old students.

### CHEMICAL REPORT.

Mr. Nemzek has been occupied during the vacation, in correcting the copy for the forthcoming report of the Chemical Department on Paints. This will be a rather large volume containing the results of all the tests and experiments that have been carried on during the past summer.

### BOOST FOR PROF. LADD.

Valley City Times-Record: North Dakota's pure food law became the model for a national law on the same subject, says The St. Thomas Times, and now that the North Dakota pure food law has been declared constitutional by the United States supreme court, it is more than likely that that law will also become the model for national legislation. Professor Ladd, our state food commissioner, has been a pioneer in this kind of legislation. He is fearless, honest, and an able man and deserves the highest praise from the people of North Dakota for his untiring labors in their behalf.

Quite a number of the new students must have expected to room in the Administration Building—judging by the number of trunks sent there lately.

Prof. Keene has been labelling the new building—probably so that people won't take it for the cow barn.

## Prof. Willard Back.

Conference With Bureau of Soil Advantageous to State.

Prof. Willard returned from Washington Dec. 19, where he went in the interest of the State Surveys.

For some years the A. C. Surveys have been operated in co-operation with the Bureau of Soils. Ten Government Surveys have been made in North Dakota; eight in which the A. C. Survey has co-operated with the Bureau of Soils; one undertaken by the state alone; and one operated by the Bureau of Soils alone. These include areas as follows: Grand Forks, Fargo, Jamestown, Cando, Minot, Cooperstown, Carrington, Ransom, Williston, Morton, Hettinger counties, and McKenzie county. The department at Washington has been very generous in working with the State survey, much to the advantage of the latter and to the people of the state.

The object of Prof. Willard's visit to Washington was to arrange as far as possible for future co-operation on the part of the Survey, and to discuss general soil problems involving correlation of soil types and the preparation of a soil map of the state. The ability of the Bureau of Soils to further take up the work depends somewhat upon confidentially hoped for appropriations. The assurance was made that the best of feeling exists between the surveys and the Bureau will continue the co-operation so far as finances will permit.

The soil correlation problems were discussed with Mr. George N. Coffey, who is in charge of that work in the Bureau of Soils. The result will appear during the coming year in the shape of a soil map of North Dakota. The plan to be followed will be this; since surveys have been made in different parts of the state, the soil here found will here be correlated and placed in the proper series and class. From this data and other information of the intervening regions, a map will be made showing, in general, the types and character of the various soils of the state. Such a map will be of great value to the farmers, business man, and others of the state, who are interested in the study of the soils. Some requests for such a publication have already been received.

The state appropriation for carrying on the work is small. Much has been done, nevertheless, through the co-operation of the Federal surveys. The ability of the state to continue the work depends, in a large measure, upon the co-operation of the citizens of various localities where surveys are to be undertaken. If the farmers and business men of un-surveyed localities desire surveys, their hearty co-operation will be appreciated.

As soon as possible the underground water problems of the state will be further studied. Considerable difficulty has been encountered about Wahpeton in obtaining a satisfactory water supply and the next undertaking of this kind will be operated in that vicinity.

### PROF. ROSE IN PRINT.

"Gas Review Makes Good Start.

The first number of "Gas Reviews" a new monthly magazine devoted to the interests of gas engine users, is just out, and contains an article on "Technical Education in Secondary Schools," by Prof. P. S. Rose of the Department of Steam and Experimental Engineering.

In speaking editorially of its articles the publisher says the different papers are by "the best talent in the world on the different subjects of interest to the reader and user of gas and gasoline engines, among whom is Prof. P. S. Rose, holding the chair of steam and experimental engineering in the Agricultural College of North Dakota, and whose practical as well as theoretical knowledge cannot be denied."

This seems to indicate that other people are beginning to realize what we have long known to be true, that is, that some of our faculty members are specialists in their own lines.

Prof. Bolley has lately annexed a portion of the girl's reading room in Science Hall and converted it into some more laboratory.

The Engineering Department is undergoing a period of expansion. Nearly all the apparatus has been removed to the new building and it is expected that the workmen will be entirely out of the building within another week.

Now that Dr. Holley is gone, the bulldog will no longer be among those present.

The two biggest grafters in the College—Prof. Waldron and Manager Heath.

### ENROLLMENT 782.

As we go to press the total enrollment numbers 782, with more coming every hour.

### SKIDOO.

Visitors in the new Engineering Building are impressed with a specimen of the decorators art appearing on a door on the second floor. It reads—

23

R. H. Slocum.

## Subscribe Now!

Spectrum office first door to left in old Mechanical Building.

Office hours of Manager, 8 to 9 and 11 to 12 a. m.; 2:30 to 5:30 p. m.

All new students will arrange for their subscriptions with the Manager.

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## SOCIETY

### PORTER-HANNON.

The following was clipped from a Seattle daily paper:

Mr. Harry D. Porter, of Seattle, and Miss A. Laura Hannon, of Fargo, N. D., were united in marriage at 800 Kilbourne street, December 3, in the presence of a company of friends; Rev. W. C. Kantner, D. D., of Edgewater Congregational Church, officiating.

### Y. M. C. A. Meeting.

At 3:30 Sunday afternoon Mr. Leavitt gave a practical talk to the young men, bringing out forcibly the many temptations that beset men during their college career. There were many new students present and all were heartily welcomed to the meetings of the Y. M. C. A. The invitation is extended to all college men to attend the mid-week meeting at the Drill Hall at 7:15 on Wednesday evening.

### Philo Meeting.

The Philos held their regular meeting Friday evening, Dec. 20. After a very short program, consisting of but two numbers, locals by Paul Heath and a piano solo by Clarence Plath, election of officers was held. Vincent Anderson was elected President, Miss Elizabeth Rice Vice President and Miss Agnes Halland secretary for the ensuing year.

### Miss Childs Entertains.

Miss Childs was hostess at an exclusive little dinner party, given in honor of Miss Huebel of Grand Forks on Christmas day. Covers were laid for six. The color scheme was green and red, in keeping with the holiday season. After dinner had been served singing and various games were indulged in.

### BIBLE STUDY

We have at present five classes and it is hoped that a great many young men will take advantage of this opportunity. You are cordially invited to attend one of the following classes next Sunday.

Ray Babeock's class meets in the Y. M. C. A. room at 9:15 A. M.

Levi Thomas' at 1220 10th St. N. at 4:30 P. M.

Prof. Seaver's in Chapel at 4:30 P. M.

O. W. Dynes' at 1108 10th St. N. at 9:00 A. M.

Howard Darling's in Chapel at 9:30 A. M.

### Y. M. C. A.

The last regular meeting of the Y. M. C. A. for the year was held on Wednesday evening, Dec. 19, Mr. Babeock acting as leader of the meeting.

The Y. M. C. A. has secured the old drawing room in the Mechanical Building and will fit it up as Association parlors. It is expected that it will be ready for occupancy in a few days and will be a great adjunct to the Y. M. in its work at the College.

To the new students who are just entering the College a word of explanation concerning the Young Men's Christian Association might be necessary at this time. It is an organization which stands for clean manhood and the highest development of spirit, mind, and body. It has a membership of 5,000,000 among all classes of men. One third of all the college men in the United States and Canada are this year members of the Association. Its work in college is to help young men in the fight against temptation by Christian fellowship and gentlemanly living, by its Bible classes, its meetings, and its social events. The leaders of the Y. M. C. A. at the Agricultural College wish you to join in an effort to

bring about the best there is for our College and we welcome you to the Association.

### '10'S TO HICKSON

On Jan. 2nd, the Senior class were most enjoyably entertained at the home of Miss Ruby Hicks. A number of the class arrived in the morning, others in the evening. Various pastimes were indulged in such as sleigh-riding, turkey eating, etc. In the evening a very pleasant party was arranged, dancing and various games being indulged in. A feature of the evening's entertainment was the opening of a five-pound box of bon bons, sent to the class by express from friends in Fargo. The Seniors are thankful to Mr. and Mrs. Hicks and family for the jolly good time afforded them at their hospitable home at Hickson.

### Y. W. C. A.

The last meeting of the mission study class for the fall term was held Wednesday, Dec. 18. Only a short session was held and because of the absence of those to whom topics had been assigned these were postponed until the next meeting.

A brief business meeting was held. It was decided that a committee of three be appointed to act as an employment bureau to secure positions for College girls desiring to work for their board while attending school. This committee will be named at the earliest possible opportunity and will be ready to begin work at the beginning of the year.

### NORTH DAKOTA EDUCATIONAL ASSOCIATION.

#### 500 Educators Attend Big Educational Meeting at Grand Forks.

On January 1-3 occurred the annual meeting of the North Dakota Educational Association. Over 500 educators were present and one of the most pleasant and instructive meetings is reported. Many valuable addresses were listened to and appreciated. President George A. McFarland made the address of welcome. Noted educators from over the state gave addresses, among others being Governor Burke, Superintendent Stockwell, President Squires, Professor Travis, Professor Heyward, Dean Kennedy, and Professor Jesse C. Childs.

Musical programs were presented in the evenings and afforded much pleasure. These were provided under the direction of Professor Stout of Wesley College.

The North Dakota Association of Science and Mathematics Teachers desiring to become affiliated with the N. D. E. A. was admitted as a new department.

Particular mention should be made of the session of the morning of Jan. 3. Various excellent papers were read on the subject of "Adjustment of Educational Work in High Schools, Normal Schools and Colleges of North Dakota; Especially as to Matter, Method and Unity With Reference to the Needs of the Times." One of the most important things done during the meeting was the appointment of a committee of seven to study the whole problem of the educational system of North Dakota and to recommend readjustment as indicated in the program under the above subject. The committee is to report progress at the next annual meeting but is to be continued three or five years or until the problem is worked out. The final report should be in the form of a volume worthy to be placed in any educational library.

The next annual meeting will occur in January, 1909 at Valley City.

The new officers are as follows: Mrs. Hattie M. Davis, Superin-

tendent Cass county, President; Vice President, Superintendent G. W. Hanna, Valley City; Second Vice President, Frances Merrill, Jamestown; Secretary, Professor C. R. Travis, Mayville Normal; Treasurer, Superintendent C. Ellithorpe, Williston.

### TWO NEW INSTRUCTORS IN CHEMISTRY.

#### Professors Wood and Remington to Take Hold in the Department.

Professor Herman A. Wood, formerly of the Kansas A. C., has been elected to fill the chair of assistant professor of Chemistry recently made vacant by the resignation of Dr. Holley. Mr. Wood arrived at the College on the second and immediately assumed his new duties.

Professor Wood comes to us with the highest of recommendations and although taking up the reins when the school year is so far advanced has placed him in a difficult position, there is no doubt but that matters connected with his department will soon be running smoothly again. Prof. Wood is a graduate of Olivet College, Michigan, has taken two years post-graduate work at John Hopkins University and for three years has been assistant professor of chemistry and experimental chemist at the Kansas State Agricultural College. Owing to the fact that the vacancy occurred in the middle of the school year it was, of course, difficult to fill the position and the College is to be congratulated on securing so capable a man as Prof. Wood, whose release at the Kansas College was obtained only a few days before his arrival here. The students extend their best wishes for success.

Mrs. Wood will be with the professor in a few days.

### NEW FOOD CHEMIST

Again Prof. Ladd was fortunate in securing a capable man at the opportune time. Mr. Roe Remington was offered the position and accepted. Mr. Remington arrived at the College the first of the year and is now getting acquainted with his new duties. He already has his work under way.

Mr. Remington is a graduate of the University of Colorado, class of '02, and had charge of the science department of a Colorado high school for one year. He was assistant at the University of Iowa for three years and during the past year has been employed in the chemical laboratories of the Armour Packing Co. Mr. Remington is highly capable and no doubt will be successful in his work in the food laboratory of North Dakota.

### NORTH DAKOTA CORN.

Mr. Hugh J. Hughes, post-graduate student in agriculture, is the author of a very interesting and instructive article on the corn varieties suitable to North Dakota conditions. The article lists the different varieties, giving their chief characteristics and also their comparative earliness of ripening. The article shows observation, research, and a good insight into the subject on the part of the writer.

The Gymnasium Committee has recently decided that no outside organizations shall be allowed to use the gym. for athletic purposes this year, not even in the evenings.

Hatcher Bros. sell Insurance.

### STATE SCIENCE SCHOOL.

Mr. Nicholas Rinde, '11, has accepted the position as instructor in the forge shop at the State Science School, at Wahpeton, and left to assume his new duties Monday.

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### DAIRY INSTRUCTION IN NORTH DAKOTA.

George P. Grout, '08, is the author of a masterly article with the above title appearing in the last number of the "Dairy Record". The article treats of the subject as taught and practiced here at the College, and gives reasons for the author's statement that dairying is becoming more popular with the farmers of the northwest.

"During the past summer," says Mr. Grout, "many repairs have been made on the dairy building, and it is now much more comfortable than formerly. The work in the dairy department will be comprised of lectures given every school day during the months of January, February and March, supplemented by practical instruction in the creamery every afternoon."

Have you a Hatcher Bros. policy?

### WORK FOR UNCLE SAM.

Dr. Brown who received his appointment as U. S. Food and Drug inspector last summer has been occupied with government work during the recent vacation. Drugs, spices, extracts and olive oils were among the products examined by him.

### THE SPECTRUM STAFF.

#### THE EDITOR.

A man is he  
Who can but see  
The things that make for news.  
Both day and night  
He needs must write  
And articles peruse.

#### THE MANAGER.

A man of bills  
And when he wills  
We all cough up the dough.  
He takes the tin  
And others in,  
He's anything but slow.

#### THE ASSOCIATE EDITOR.

The man of books  
Who always looks  
At stories, songs, and verse.  
His work is art,  
He looks the part,  
We're glad that he's no worse.

#### THE SOCIETY EDITOR.

A lady wise  
With searching eyes  
She would not tell a lie,  
Receptions slow  
She's bound to go,  
And write them nice as pie.

#### THE SPORTING EDITOR.

A sporty guy  
With fish to fry  
Who shouts for all the teams  
He keeps a hunch  
On all the bunch  
And writes about two reams.

#### THE REPORTERS.

People of brains  
Who watch the vanes  
See which way the wind blows.  
They know a lot,  
We don't know what  
They don't tell all they know.  
N. E. Flunker, '09.

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### NICHOLS RESIGNS.

Changes in the chemical department seem to come thick and fast of late. Just before the Holidays the unexpected resignation of Mr. Nichols, the food chemist, was handed to Prof. Ladd. Mr. Nichols resigned to accept a position with Prof. Stallings, a former teacher at the College and now with the food department of the State of Georgia, located at Atlanta. Mr. Nichols will leave on the seventh for his new field.

Stranger—(Pointing to Main Building)—"Is that first house the A. C. school?"

Lloyd Worst has managed to keep himself busy during the vacation by wiring in the new electric lights for the machine shop, the engine room and also the power house.

It is rumored that the semester plan is to be adopted at the "U" next year and the students have visions of but two finals exams. per year.

Stranger—To student—"Where can I find the Professor of cow-stable?"

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## CONDEMNS BLEACHED FLOUR.

Chief Chemist Wiley Takes a Stand.

Recently Dr. Wiley was invited to speak before the Pennsylvania State Millers' Association, where he discussed very fully some of the features in connection with the bleaching of flour. Among other things he said:

"Another problem of great interest at the present time is that of bleached flour at the time of its preparation. This is a matter on which I am not yet able to formulate an opinion, except that it is always safe to abstain from mixing any chemical of any kind with a food product. The manufacturer who adds chemicals to foods must run the risk of offending the law providing the resulting products are misbranded, damage or inferiority concealed, or contain a substance which may render them injurious to health. I believe the process of bleaching at the present time is almost exclusively that of introducing into the flour the oxides of nitrogen, in other words, a radical of nitric acid. Nitric acid is an extremely strong acid, commonly known by

the term aquafortis. It is highly corrosive and destructive. It is claimed in the case of bleaching with oxides of nitrogen that the quantity introduced is minute and, therefore, harmless. It has never appeared quite plain to me that a harmful substance can be used in minute quantities without danger. The injury which is produced will doubtless, in most cases, be proportionate to the quantity used, so that a very small quantity of the material will produce a very slight injury and an infinitesimal amount of the material will produce an infinitesimal injury."

From the foregoing it is clearly evident that Dr. Wiley is not favorable to the bleaching of flour, and, thus, his views are almost identical with those of Commissioner Ladd, who has taken the stand against bleached flour in North Dakota.

### THAT SPRAYER AGAIN.

The Department of Botany is receiving a good number of letters from those who have tried the spraying methods for eradicating mustard, indicate that there is much hope in this sort of weed eradication. We quote from a letter by Mr. B. O. Wralstad of Grafton.

"The iron sulphate which you furnished me last July worked

well upon mustard, sun flowers, and king head. I tried it on Canada thistles. I sprayed the thistles as directed, on a calm, clear warm day. Four days later the thistles were dead. About thirteen days afterward they started up from the roots again. After harvest, I sprayed the thistles again with the same result. On the fourteenth day of October, I again made a third application of the spray. Since then I have seen no growths."

It is probable that in the spring Mr. Wralstad will find that some of these thistles will sprout again but in a much weaker form because during the growing season of 1907 they were unable to store up much food material in the underground stems.

Very many people tried the work of spraying besides those who were supplied with sulphate by the College. The botanical department would be pleased to hear from anyone who has carried out any form of weed spraying work during the season of 1907 with a statement of the results and any suggestions regarding the cause for success or failure.

You can't afford to miss the professor's predicament.

### FAREWELL BANQUET.

On the evening of the 19th of last month the dining room of the Metropole Hotel was the scene of a rather elaborate little banquet given in the honor of Dr. Holey, by the advanced students in chemistry. Mr. Darrow acted as toastmaster, Mr. Baerstein, Mr. Nemzek, and Dr. Holley responding. Dr. Holley, in his talk, emphasized the value of fellowship and personal contact between the instructor and the student. He invited his students into a circle of correspondence stating that at any time he would be glad to aid them or give them any information he could. This was in the nature of a farewell banquet to Dr. Holey as he left the last of December to assume his new position with the Aeme Paint Company.

You'll have to hurry and get your tickets early if you want to get good seats for the Professor's Predicament. There'll be a rush.

The Christmas number of the Blue and Gold, published by the students of Fargo College, is a special issue, and reflects much credit upon its publishers.

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How unsound and insincere is he who says, I have determined to deal with thee in a fair way. What art thou doing, man? There is no occasion to give this notice. It will soon show itself by acts.  
Marcus Aurelius.

Dr. B.—"Buttes" is a western expression. We don't see or hear of them here in eastern North Dakota.

You will laugh at the Professor. He's a corker.

Stranger (pointing at Armory)—Which one of the barns is that?

### NOTICE.

The postponed meeting of the Athletic Association will be called January 10, for the purpose of considering the amendments to the constitution submitted by the joint committee. Watch the bulletin board.

The Hub is the store for College boys. Moorhead.

### NEW EQUIPMENT FOR MACHINE SHOP.

Four new Cushman chucks have been added to the machine shop equipment. They embrace two universal lathe chucks, one No. 9 and one No. 6, one drill chuck to take drills from 0 to 1-2 inch and one drill chuck for drills from 1-64 to 5-8 inches.

The scenery is "immense" in the Professor's Predicament.

Don't miss the next rehearsal of the Professor's Predicament.

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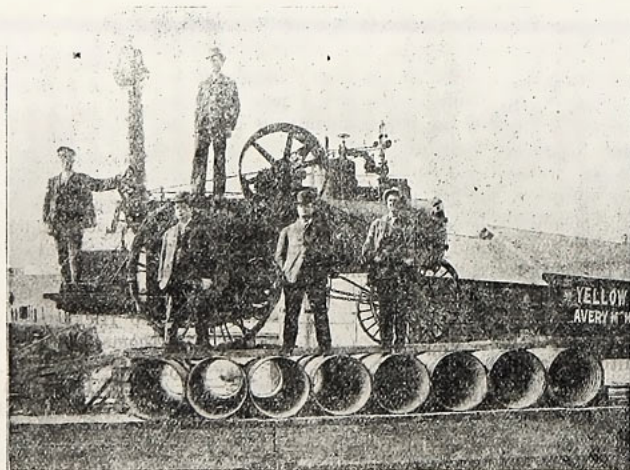
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**The Weekly Spectrum**

Published every Tuesday of the school year by the students of the North Dakota Agricultural College, at Ulsaker Bros., 207 Broadway, Fargo, N. D.  
W. P. Heath.....*Publisher*

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I, Wilfred Paul Heath, publisher and manager of The Weekly Spectrum, hereby swear that the above statement truly represents the circulation of The Weekly Spectrum for the week ending January the eleventh, 1908

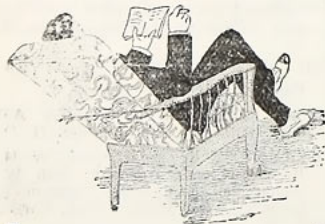
(Signed) W. P. Heath.  
Signed and sworn to before me this sixth day of January, 1908.  
(Signed) Claude E. Nugent.  
Notary Public.

**A NEW LEAF.**

The time for New Year resolutions has come and passed—and so have most of the resolutions. We think, however, that there is still time for the students to make just one more good resolution for the year. Let us resolve to turn over a new leaf. A leaf on which shall be inscribed in large and glowing letters these three words, "Push, Boost, Smile."

If there is anything at the College in which we are especially interested, or in which we ought to be interested, let us get behind it and "push" like we meant to start something and then, when we have it started, let us all get together and "push" like we meant to keep it rolling.

If there is anything at the College that doesn't seem to be going just right or doesn't quite suit us, let us forbear to knock. Perhaps with a little encouragement those very things might be made to change for the better. If we don't like things as they are, let us look for a remedy instead of telling everyone that they are



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going to the dogs. Let us "Boost."

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**BE ON TIME.**

Perhaps one of the things that is the most troublesome to instructors is tardiness. A person may sometimes be excused for tardiness or lack of preparation of a lesson but to be regularly tardy in appearing at classes is an unpardonable fault.

It has recently come to our attention that certain students have "flunked" in certain subjects. Possibly there may be some excuse for this but it has also appeared that certain ones have failed for no other reason than being continually late. When a person is tardy at any class fifteen, seventeen or twenty times during a term, he not only deserves a "flunk" but he deserves a very serious reprimand.

Probably nothing annoys an instructor more than to be continually interrupted during a lecture. A professor cannot be blamed for giving little consideration to one who gives but little thought for others. If you think you have been ill treated by a professor, find out whether you are to be blamed in the matter.

Not only does the habit prove bad "in the long run" to yourself, but this is one thing that greatly annoys others. This does not apply altogether to students of the past term, but the same thing has happened before.

If you wish to be anything or do anything, it is time to learn how while in college. If you cannot get there on time you better not get there at all, for, in the end, you will not be there as has been shown in the past.

Be somebody! Do something! And do it on time. Accept the motto: "Be there."

**DO SOMETHING FOR YOUR COUNTRY.**

One good new year resolution for A. C. students would be to do a little something every week for the College paper. Manager Heath has given the students, this year, one of the biggest and best weekly college papers published in the country, and it would only be a "square deal" for the students to do their share by supporting the paper to the extent of their ability.

It is impossible for Spectrum reporters, with the limited amount of time at their disposal, to see everybody every week, and it is only a student's duty, if he know something of interest, to write it up and hand it in. If you can't write, tell some one who can. Stories, poetry, articles of general interest, and above all, personals and news items, are always welcome at The Spectrum office. Sign your name to anything you hand in, and if you don't want it published in connection with the article, says so, but don't hand in anonymous material, for that never gets any farther than the waste basket.

Last, and of equal importance also, subscribe for the paper and pay your subscription. A business man who does not take the best paper in his city is considered anything but progressive. A student, under the same conditions, would be lacking in college spirit and loyalty to his Alma Mater. It costs money to run a newspaper, especially one of the size of this, and unless the students show their appreciation in dollars and cents it is fallacy to suppose that outsiders will support the paper and that we will have a paper anyway.

Do something for your country!

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WRITE TO THE PRESIDENT FOR CIRCULARS AND CATALOGUE  
WINTER SHORT COURSES BEGIN JANUARY 2.

The staff of The Spectrum has recently been reorganized, with the editorial and reportorial departments as separate organizations. Mr. Levi Thomas will assume complete control of the reportorial staff with the official title of Chief Reporter, and will have entire charge of the news reporters, making their assignments and reading their copy. His duties will correspond to those of those of the city editor of a big daily.

The change has been made for two reasons: First, to systematize the news gathering functions of the paper, and, by increasing its efficiency, to broaden the scope of the news contained; and, secondly, to relieve the editorial staff from the difficulty of trying to attend at the same time, to both the reporting and the editing of the material.

Mr. Thomas has already demonstrated his ability as a newspaper man and this change in the organi-

zation of the staff is expected to bring results in the news columns of the paper during the crush of the winter term.

The high schools of the state have organized an athletic league and adopted uniform rulings. The colleges of the state might take a lesson and do likewise.

You can hear 'em breaking everywhere—those new year resolutions.

Happy Leap Year!  
And now it is up to the girls!

So far the faculty hasn't made much of a noise like a reception.

Its one of 'em if it wears a celluloid collar.

The seniors say that there are more pretty girls per square miles down there than in any other part of the state.

**ORATORICAL BOARD.**

The State Oratorical Board will meet in Fargo on Friday, Jan. 10. At this annual meeting the necessary business pertaining to the coming state contest will be considered. The contest will occur this year under the auspices of the State Science School at Wahpeton.

The seniors recently emigrated to Hickson—but they didn't become naturalized.

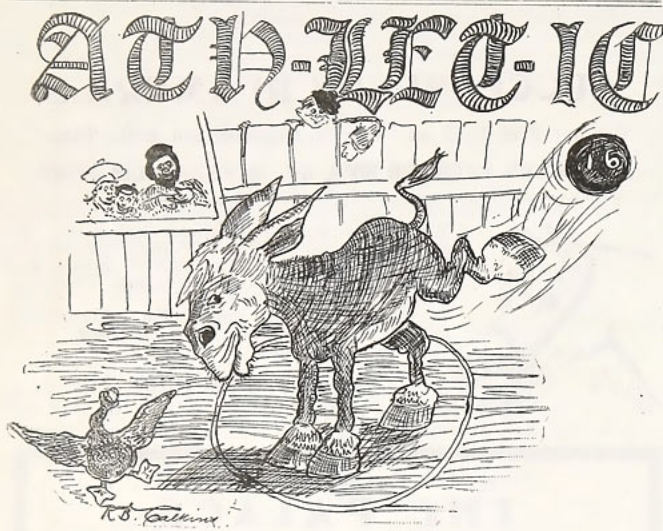
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**HAVE WE ENOUGH STUDENTS**

The idea has been advanced that we have not a large enough number of students to support a track team in addition to the basket and baseball teams. Considering that basket ball takes only twenty—ten boys and ten girls—to develop the two teams and that eighteen are all that receive instruction on the baseball ground, this would not seem to be the case. Years ago when the total number of students was only one-third what it is today, we had a track team which was success in more ways than one. Just to show how the institution is growing let us look at a few figures. Three years ago this fall there were less than fifteen in the freshman class. This year there were fifty. The same year there were only five or six in the sophomore class. Today there are nearly twenty-five of

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that rank. Three years ago there were seven or eight in the junior class and five or six in the senior class, this year the junior row numbers twenty and the senior twelve.

Besides this let us look at what the South Dakota State College is doing. They took up track team work in 1898 but after their first victory in the state field meet of 1901, there has been nothing but victory after victory for them until they have won all the trophies in South Dakota, have the scalps of Ames and N. D. U. tucked away in their belts, and have repeatedly challenged the Minnesota University, who has diplomatically refused to meet them. The students of the South Dakota College do not differ greatly from ours, either in number or quality. In the fall term the registration at present numbers about three hundred which is raised to about six hundred during the winter term. This shows that their total registration is below ours but it is true that they have a larger number of students taking full year courses. Judging from statistics at hand their number of regular students for the year 1906 is to ours for this school year as three is to two. Of course it would not be possible for us to beat the South Dakota State College the first year but if the present rapid increase is kept up, and there is every indication that it will, in less than three years we will have a student body larger than that of the South Dakota State College of today.

What then stands in the way? Our students are not different from those of other institutions of this kind where practically all of the students engage in some form of athletics. Give our students the facilities for organized systematic athletic exercise under an instructor and they will not be found wanting.

**NO TRACK TEAM?**  
 It has been whispered abroad that opposition to the track team idea has developed among those high in authority. If so would it not be well that their reasons should be made public? It shall

be the purpose of this article to attempt the giving of a few reasons why we should develop track team work at this institution.

We have in the past, been very successful, at least have usually made a creditable showing, in all forms of athletic contests that we have undertaken. Football has been the chief feature but it is confined to the first two months of the school year; basketball is participated in during the winter months, but so far no other form of athletics, whatever, has been developed at this time for lack of room in the gymnasium. Last year the gymnasium was enlarged for the express purpose of furnishing accommodations that a larger number of students might have athletic exercise during the winter months.

The work on the gymnasium has been completed but has the result been accomplished? There is now sufficient room for indoor track work, which in our climate, would be essential to successful outdoor work in the spring months. In addition to this our president has promised that a cinder track will be constructed on the green back of the Armory next spring.

It seems to us that the only lack at present is the necessary apparatus and some one to take hold and push the work. It has been stated that facilities for track work will be forthcoming when the students demand them. Would it not be more in harmony with the general policy of the institution to offer it to them; to even show them why they should take it up and extend a helping hand as is done in all other departments of the College?

Perhaps we are going too fast. Is track work a desirable form of athletics? No one will deny that it is. Have we any form of athletics that acts as a substitute? Football is with us only two months of the year and we have never had more than forty students with suits on at one time and usually a less number. The reason for this is that a large number don't care for the sport; a large number are physically unable to take part in such a strenuous game; and a large number are restrained from doing so by their parents. As far as basketball is concerned, it would not be possible, with our present facilities, to accommodate more than fifty students. This is also a specialized game, calling for but one kind of an individual. Baseball is usually confined to two of the spring months. This is a more highly specialized game than either of the two formerly named and requires years of training to master. Track work offers a large variety and those suited to a certain form could specialize in that line.

Some one has said that the athletic director would not have sufficient time to coach a track team in addition to the two basketball teams and the baseball team. If this is true would it not be very possible to secure an assistant whose duty would be to give all his time to the training of a track team. At the South Dakota State College the coach trains the football and track teams and a special man is hired as a baseball coach.

In a recent number of Collier's an editorial on College Athletics deserves more than passing notice, and we here reproduce it in part. "Whether Harvard wins or loses this autumn in football (it lost to Yale 12 to 0) Mr. Joshua Crane, the new football coach, should be thanked for introducing methods, of which, more than anything else, our college athletics are in need. Mr. Crane has insisted that there should be little or no secret practice, that as many men as possible be allowed to play and that they make their playing fun instead of work. Most of the difficulties of college athletics can be

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## PLANT DISEASES AND WEEDS.

By Prof. H. L. Bolley.

Now and then we observe by letters and otherwise, that there are still a good many people who believe that careful plowing and careful rotation of crops will prevent the occurrence of such diseases as smut in wheat and oats, and wilt in flax and rot in potatoes. It is well, however, to remember that these lines of work, while of great importance, will in no way protect the crop. It has been found, for example, that when the soil is best prepared to raise a big yield of wheat by proper crop rotation and careful plowing and preparation of the seed bed, that smut develops to the most remarkable extent, provided the seed grain is smutty and has not been treated for the destruction of the smut spores.

Crop rotation and deep plowing are both beneficial in preventing the rapid development of flax wilt in the soil, but neither of these methods is sufficient in itself to prevent the soil from eventually becoming entirely flax sick, if the farmer is not careful with regard to the point of disinfecting the flax seed which is sown. The experiments of this department have made it plain that no sample of flax seed can be relied upon to be entirely free from the spores of the fungus which produces the flax sick soil. It has also been proved by extensive observations and experiments that the fungus, when once in the ground, will live there for many years regardless of what crops are grown thereon. For these two reasons it becomes necessary, if the farmers of North Dakota wish to keep in the flax business, for them to remember that the seed flax must be treated every year. Not only must this be done by the individual farmer, but he must induce his neighbors to do likewise, or all of the soil will eventually become flax sick because of the shifting and blowing of dirt from sick fields to those which have not been previously contaminated. In regard to this disease the late experiments of the department of botany of this institution have always made it plain that every farmer can greatly increase the resistance of his flax to this disease by growing his own seed on his own ground, using each year only the best and plumpest seed. The more thoroughly sick the ground the more immune will be the seed which he does raise upon this ground, while seed which has been grown elsewhere upon new breaking will not be able to live upon sick ground at all.

With the potato diseases statements similar to the foregoing equally apply. Good cultivation and proper rotation of crops, other things being equal, will give the largest possible yield, if the farmer makes arrangements to properly protect the growing crop from such diseases as scab, blight and rot. The spores of these diseases are driven here and there by the winds and the crop will become badly infected, and the yield greatly reduced if proper treatment for prevention is not made or a direct attack upon the disease. Every farmer who undertakes to raise potatoes upon large areas should treat the seed tubers to prevent the introduction of

scab and rot into the ground and should have a potato sprayer and spray the vines three or four times during the growing season with the proper solution to prevent the development of blight and rot.

While talking about spraying machines, any farmer who possesses a good traction sprayer will not only be in position to raise a more perfect crop of potatoes, but will be able to make one of the most destructive attacks upon mustard, kinghead and other weeds which grow in the cereal grain fields that can be made for the amount of money which it costs. The experiments of this department have demonstrated that this work of spraying is not only going to be a satisfactory mode of destroying mustard and similar weeds, but is going to be by far the cheapest method of disposing of them until a more intensive type of farming is used than is now generally prevalent. There are thousands of acres of soil in the Red River Valley which is so thoroughly filled with the seeds of mustard and other annual weeds that when the wheat is six or eight inches high the weeds have practically full control of the ground.

A proper use of the potato sprayer or any other good traction sprayer will destroy all the mustard and practically all of the kinghead and greatly reduce the strength of other weeds without in any way retarding the growth of the wheat which is seeded upon such ground.

As the cost of materials now stand, this work need not cost to exceed seventy-five cents to one dollar and a half per acre. No doubt, as in the case of formaldehyde, when farmers generally make use of large quantities of the necessary chemicals this first cost will be greatly reduced. Our experiments show that where mustard is thick upon the ground the treatment will add nearly one-third to the yield of grain from such ground.

### EXTRACT FROM A HOME LETTER.

The other day I went skating on the river. I had my last letter to you in my pocket. I thought, "If I fall in, they may never get this letter," so I took care to mail it before I went on the ice. Then I skated up the river and fell in. I was glad I mailed the letter then. I got out all right, though. The people at the house are wondering how I got my clothes so muddy. I haven't told anybody but you. I had to go through the town, all muddy and wet as I was. But it was getting dark and I kept to the back streets. So I hope nobody saw me and that nobody will tell. For, you know, if you tell anybody you tell everybody. I am afraid The Spectrum reporters will find out about it. They hear about pretty nearly everything. Then, too, one big fellow said the river was dangerous. He'd be sure to come around with "I told you so." Stupid! You remember when I got my wrist broken stealing rides on the freight train? You told me not to and then I did. And when I came home all battered up you didn't remember what you had said. You just made things pleasant. That was pretty nice forgetting. I thought so then, and I think so yet.

Your boy,  
Dran.

### LETTER FROM MANNS.

Prof. Bolley reports a late letter from Mr. Thomas F. Manns. Mr. Manns will be remembered by our students and friends of the institution as a great leader in A. C. athletics. But it is evident that Mr. Manns did something else while at this institution, as he is now assistant professor of botany and plant pathology in the Ohio University and located at the experiment station at Wooster in charge of the experimental work. Mr. Manns writes as follows: "The work here is very interesting and diverse and I have had the pleasure since coming here of investigating some new things in soil troubles which are of considerable interest and importance." Mr. Manns wishes to be remembered especially to the students and members of the faculty.

There are grafts of every kind, but just think of leaving your skates at her house.

### MUCH DRINK BUT NO KILL!

A traveling man was forced to spend the Christmas week in one of the small towns of the state, at a hotel where the radiators were tagged with return slips, so that if accidentally pocketed they would be returned by attaching a stamp. He found the town rather dead and dry and decided to liven things up a bit.

To a preparation of methyl and rose water he added a little sugar and water making in appearance, a very good alcohol punch. He then went down to the office to find a victim.

A Jewish shoemaker had just come into the office, and sat sunning himself in the shade of a radiator. He was thinking of the awful waste of booze about town, and the few good whiffs that he had gotten of it, when the jolly drummer stepped out of the hall and gave him the wink. Poor Isaac! He had been watching for days for that generous wink, and went up those stairs three steps at a time.

The sly drummer, smiling thru his "Billy Goat" whiskers led the way to his room, and presented the bottle. Isaac was so dry that his toe-nails clicked when he walked. He downed half of the bottle and then stopped for breath.

"Vat it is you give me? Oeh! I feel somedings sickness by mine insides out!"

There was a battle but they are both alive yet, although the Jew has not had a very good appetite of late.

Prof. in Zoology—How would you detect fever in pigs?

First Student—Take his temperature.

Second Student—See if his "snoot" is rosy.

Third Student—Notice if his eyes are red or green.

Fourth Student—Watch him and see if his actions are queer.

Fifth Student—Pigs don't have fever.

Sixth Student (girl)—His tail would curl.

Prof.—Yes, yes; you seem to be right up on pigs.

The Bill at the Grand for the week of Jan. 6th will be of a very high class, with such people as the Pacheca Family, the World Renowned acrobats and dancers, as their equal has not as yet appeared before the footlights along with the other six turns on the bill will go to make very pleasant work. We are always in a wonder of what will appear the week following and the management has something in store which is a novelty of which few, a very few have ever seen, and to tell him all about it, will say it is hard to believe five of the wonders of the 20th century. Trained pigs taught to do all kinds of tricks will appear at the Grand all the week of Jan. 13th, 1908.

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### REPORT OF FOOD COMMISSIONER.

The annual report of Food Commissioner Ladd has just been completed and submitted to the Governor for approval. It will later be published and distributed as a public document. The report discusses medicines, whiskies and beverages, paints, and burning oils. This document should serve as a valuable guide to the consuming public and copies will be available to those applying for them when the report is published.

The food department has also made its semi-annual report concerning adulterated products which will be published in all the state papers in the near future and the information thus generally disseminated.

### ADJUDGED INSANE.

Lidgerwood Monitor: For some time past Harry Owens has shown symptoms of mental derangement, and in the past two weeks the symptoms were more pronounced than before. Monday he was taken to Wahpeton by his father and Chief of Police Goolsbey, and after a hearing the insanity commission committed him to the hospital at Jamestown.

### INNOCULATION EXPERIMENT.

In connection with his extended investigations on the disease of swamp fever, so prevalent among the horses in some parts of North Dakota, Dr. Van Es has secured a horse that will be inoculated in order that the disease may be more closely studied at all stages. This makes the second horse in the College stables which is being treated in this way.

### LOOKS GOOD TO STUDENTS.

Esperanto is the name of a wonderful new language which has been invented and built just the same as a new machine. This new language is intended to be a world language. Every letter represents a sound, every word is accented on the next to the last syllable. There are sixteen rules, and it is adapted equally to any people and to all nations. Count Tolstoi states that after a study of two hours on an Esperanto grammar he was able to read the language without difficulty. This beats German or French so lets do away with them and adopt this.

### LATEST BULLETIN.

The latest bulletin of the Experiment Station, "Press Bulletin No. 26," is just out and treats of the different methods of eradicating dandelions in parks and lawns. Prof. Bolley is the author and the bulletin is compiled from the data secured from the numerous spraying experiments conducted by him last summer.

Among the contents of the bulletin are articles on the composition of the spraying liquid, the different kinds of apparatus in use, and the most effective periods at which to use the spray on the growing weeds.

The bulletin will be sent free to anyone making application to the director of the experiment station.

### OCCUPY NEW QUARTERS

The Alpha Mu fraternity has obtained the old free hand drawing studio for a fraternity room, and during vacation the members have been hard at work remodeling and decorating their new home. The walls of the room have been painted a deep blue, and the wood-work and finishings a jet black, the fraternity colors. A big window seat in the deep dormer window adds to the attractiveness of the room, and a dark room and a closet, opening off the main room, serve to deepen the air of mystery surrounding the whole place. The closet is, no doubt, for the safe keeping of the fraternity goat and will probably be put into immediate use.

Up at the University they are talking seriously of trying to secure a department of Military Science and Tactics again now that they have the new armory.

### INTERESTED IN TREES.

Mr. M. O. Hall, of Mohall, N. D., was a visitor at the College last week, consulting with Prof. Waldron concerning matters related to forestry in North Dakota. Mr. Hall is very much interested in trees and wished to see what is being done at this station. He is contemplating considerable tree planting on his own farm.

We see by the Fargo Forum that "Dr. Van Patt" recently delivered an interesting address before the A. C. students in Chapel. The cigars are either on the Fargo Forum or on Dr. Batt, we don't know which.

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**PERSONAL**

Mr. Albert Oshwold, a former student of the A. C., has gone to southern California where he will spend the winter, for the benefit of his health.

Prof. Rose is now comfortably established in his new house on 11th street north.

Mr. H. B. Darling spent Christmas at his home at Brownville, Minn.

Miss Lenore Olson spent her Christmas vacation in Chicago. She will resume her work as student assistant in the Pharmaceutical Laboratory on her return.

Mr. Lynch, the pure food and drug inspector, spent the Christmas holidays in the city of Boston.

A number of the basket ball players from St. Thomas College visited the College to try out the gymnasium floor during the recent vacation.

Miss Huekel, Professor of Domestic Science at the University, was the guest of Miss Childs during the vacation.

It is rumored that in Eau Claire, Wis., the engagement of Miss Mildred Tolles, of that city, to Prof. Arvold, has lately been announced.

Mr. Carmen, who has been seriously ill with typhoid, is reported as improving rapidly but will not return to school this term.

Mr. William Westergaard, '04, was a visitor at the College during vacation.

Mr. Paul Funderhide, '09, has returned to school and will resume his work in civil engineering.

Mr. Joe Schmidt, who completed the two year steam engineering course in 1905, is now located in California as chemist for the Standard Oil Co., at a salary of \$1,500 per year.

Mr. Daniel Glomset, former member of the class of '08, has left the University of Chicago, where he was studying medicine, and has moved to San Demas, Cal., for his health.

Dr. Holley left on the evening of Dec. 31, to resume his position with Aeme White Lead and Color Works, of Milwaukee.

Coach Dobie spent the vacation in Hastings, Minn., with relatives. He returned Dec. 31.

Miss Huekel, who has been the guest of Miss Childs during the vacation, returned to Grand Forks Monday.

Mr. Albert Faust is visiting at the College and may decide to stay.

President Worst and Profs. Halland, Willard and Weeks attended the Educational Association Meeting at Grand Forks.

Miss Mary Schnebly is suffering from an attack of pneumonia.

Mrs. Nichol will leave Jan. 7 for Atlanta, Geo.

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The Dormitory is filled to overflowing already, several applicants of both sexes having been turned away.

**SANITARIAN.**

Mr. T. J. Manning, a sanitarian of Chicago, connected with the Chicago Union Traction Company and also a number of the railroads centering in Chicago, was at the College during vacation and spent an afternoon with Prof. Ladd, discussing problems of sanitation in regard to sleeping cars and the use of formaldehyde as a disinfectant and fungicide.

"Just hold that position a moment,"—Featherstone the camera fiend in the Professor's Predicament.

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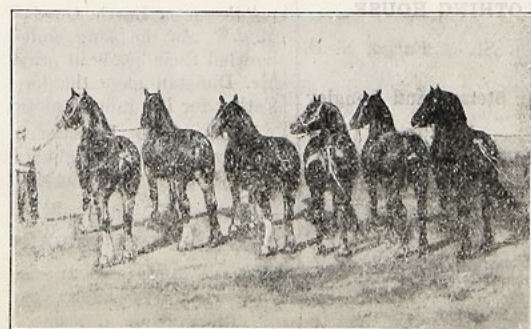
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## ALICE DUNSTAN'S XMAS.

The sun was setting! A glorious ball of yellow it was as it hovered a moment above the edge of the horizon, gradually it sank from sight, leaving behind it a golden glow spreading over the western sky. Just as it disappeared it seemed to concentrate all its power into one upward shaft of light. This dazzling stream reached well night to the zenith. It lasted but a second, then was gone. The yellow turned into a deep crimson which little by little became paler and paler until the sky resembled an opal in its coloring.

The girl watched it until dark; in her face showed her appreciation of the beauty of the scene and her wonder at it all, for she had that great gift of seeing God's universe, the phenomena of nature, day by day, and not losing the power of marvelling at it. And here was not the wonder of ignorance, but the wonder of one who had read and studied much, and the more she read, the more she saw how truly marvelous was nature and nature's laws. For a while she stood, lost in contemplation, then as a boy's shrill voice struck her ear, she roused herself and went to meet the little fellow came running toward her.

"I has a sliver in my finger and I'se want oo' to take it out," he half sobbed, holding out a chubby little fist.

"Where is Paul, dearie?" she questioned him as she performed the small operation.

"Here I am; and, Alice, I want to know what caused the Red River and what made it flow through North Dakota."

Alice looked at the boy of nine who stood gravely awaiting an answer, and a half smile quivered for a moment around the corners of her mouth, while her eyes lost little of that grave look which seemed habitual to them. Some gray eyes always seem either sad or grave. They rarely if ever laugh, and it was such eyes that this girl had.

"Come," she said, and, taking the little one by the hand, she placed the other on Paul's shoulder as they walked towards the long and rather old-fashioned house, replying to Paul's question simply and clearly so that he could understand it.

Paul was rather startling at times with his oldish questions,

and little Morris was always contriving to get into trouble, but no matter how busy she was, she always managed to find time for her "little men," as she called them.

Alice had in the spring graduated from the University, and it was now the first part of September. Naturally she wanted to work; to enter into her chosen field, the teaching of English; but somehow she was needed at home and her father had suggested that she stay there that year as mother did not seem as well as usual.

Time passed and Christmas was at hand. Everywhere happiness and good cheer prevailed. Little Morris skipped about delightedly and Paul's grave eyes, so like his sister's lost their gravity and wore instead a look of anticipation. In the living room from which the children were for the time being excluded, Alice and father, with mother superintending, were trimming a Christmas tree.

"Paul will glory in his skates," said mother, her sweet face lighting happily.

Father smiled and nodded.

"What have you for your little boy?" he asked Alice. Everyone called Morris Alice's little boy. He was the orphan child of a favorite uncle, and he had been with them only since the first of June. He had been in Alice's charge almost entirely, for her mother was poorly.



"For the baby I have a Teddy Bear and a sled, while for Paul I purchased a chest of tools. Don't you think they will like them?"

"You always know what will suit them best," answered Mr. Dunstan, laying a caressing hand on the bright curly hair.

Finally the tree was trimmed. Cranberry and popcorn chains, tinsel, colored balls, Santa Clause dolls, while underneath were placed the Christmas gifts. Mr. Dunstan donned his Santa Claus costume of red trimmed with white fur, and put on a long white beard. The children were then admitted, the servants were called in, and the gifts were distributed. Morris and Paul gazed in awe at Santa, and for a while the later even forgot to ask questions. The old Christmas legends were cherished in this home and the boys did not have the slightest suspicion that Santa did not exist, and that it really was not true that he came driving from the far, far north with his reindeer to bring presents to little girls and boys. After the gifts were distributed Alice seated herself at the piano, and even Morris' baby treble could be heard as they sang the Christmas hymns together.

"Peace on Earth, Good Will to Men." As the song ended they bowed their heads in prayer and Mr. Dunstan gave thanks to the Father for His infinite mercy.

When Alice Dunstan retired that evening she thought long and deeply on what she ought to do.

She wanted to make a name for herself in the world, and this last week she had been offered a position as instructor in English in a high school, to succeed a teacher who had been forced to resign on account of ill health. It was a good opening for her, and yet she was needed at home. It was so hard to decide what was right. In the midst of her pondering she heard excited voices in the hall; a maid rapped at her door and entered.

"Your mother, Miss Alice," she cried. "Come quick."

Alice rapidly threw on her dressing gown and tried to find out from the excited servant what the trouble was.

"I don't know; but it is something awful," was the reply.

Alice hastened to her mother's room and found that she was unable to move. When the doctor came he pronounced it paralysis of the lower limbs.

This sweet faced, gentle woman, her mother, would never be able to walk again! To Alice it seemed a dream; then the realization of it came upon her, and she threw herself down by her mother's bed and sobbed deep, convulsive sobs that shook her entire body.

"Alice, a gentle hand was laid on her head. "Alice, dear, doesn't our Father know best?"

Gradually her sobs ceased and she looked almost with awe at that sainted face. Then she humbly bent her head and asked pardon that she should rebel when her mother should already say, "They will be done."

Alice Dunstan did not ponder any more as to her future. It was clearly mapped out before her. The events of that Christmas eve had decided it, and she accepted that decision without thought of murmuring for there was no doubt now where she was needed most.

When those who knew her in school, speak of her now, they say: "Yes, Alice Dunstan was a brilliant scholar, but she has made nothing of her talent. That is always the way with girls who have means, they find some pretext to stay at home."

If rumor of this comes to her once in a while she does not complain. She knows that she is doing right in caring for her mother, cheering her father, and developing and molding the characters of Morris and Paul. And when she petitions her God, hers is not a selfish prayer. She asks for strength and guidance to comfort those dependent on her for comfort and good cheer.

Ruby Hicks, '08.

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