

THE WEEKLY SPECTRUM.

Official Publication of the Student Organization.

VOL. 15. Number 28.

NORTH DAKOTA AGRICULTURAL COLLEGE, TUESDAY APRIL 20th, 1909.

PRICE 5 CENTS.

Y. M. C. A. Has Good Record This Year

College Association Has Largest Membership in Its History.

DELEGATES TO GENEVA

Summary of the Work of the Year and Plans for the Future.

A report of the work of the Y. M. C. A. for the past year handed us by the Secretary, shows that it has made rapid strides of profit has made rapid strides of profit has gained a place first in rank among the organizations of the students at the College. Never before have the students shown such a favorable attitude toward it. The membership is much larger than any previous year and its financial standing is encouraging. With the present condition of the Association its supporters believe that it can be made one of the largest, most influential and beneficial organizations of the College.

The Bible Study classes that have been conducted this year have not been in vain. They have been well attended and work of beneficial nature has been accomplished.

Association Room

The Association last year obtained a fine room in the Mechanical Building as its headquarters. This room has this year been comfortably equipped and furnished with accessories that have made it a useful, pleasant place for study, rest and recreation. The door to the room is never locked and extends a hearty welcome at all times.

Geneva Conference.

Plans for sending delegates to the Geneva conference are now being made and as large a delegation as possible will be sent down this year. The conference occurs each year upon the shores of Lake Geneva, Wisconsin, a beautiful sheet of water nestling among the hills of the Badger State. It is attended by young men from all of the colleges of the central west, the attendance last year exceeding five hundred. Last year three men were present from the A. C. and this year it is hoped that a larger number may be sent.

The Association has the following word for those who are non-members: "The Association extend to you a hearty invitation to join with them at once and help them make this the largest association in the state. There can be no force in a College that will do more to raise the tone of the College spirit or the standard of scholarship, than a strong, active Christian Association. If for any reason you do not see fit to join the Association yourselves, you can still lend your encouragement and help by boosting the organization when ever you can."

Weekly Meetings.

Regular weekly meetings were held during the past two terms on Wednesday afternoons. At these meetings the aim was to secure speakers, who could address students upon subjects of interest from a practical, moral, and spiritual standpoint; that this was car-

Dance Under Maroon and Silver Gray

Two Hundred Enjoy Senior Dance In the Soft Lantern Light.

HALL A BOWER OF BEAUTY

Color Scheme Crimson and Gray—Festoons of Crepe With Added Effect of Subdued Light.

Foremost among the social events of the year at the College was the Senior Ball, given by the class of '09, at the College Armory Saturday evening. Everyone present had words of praise for the general effect of the decorations and the way in which the affair was managed. It was the general consensus of opinion that there was a better representation of college people present than at any similar occasion during the year which together with the large attendance of city people filled the hall to its limit.

Decorations.

As each lady entered the hall a beautiful dark red carnation with a spray of fern was pinned on by a member of the class. This was in keeping with the general scheme of colors which were maroon and silver gray. The hall was hung with numerous Japanese lanterns which shed a diffused light on the long streamers of maroon and gray.

The programs were of gray paper with a large "'09" in maroon on the front page. Even the cherries in the frappe added to the general color effect.

Patrons and Patronesses.

The President and Deans of the College Departments and their wives were invited by the class to act as patrons and patronesses. In return for the courtesies shown the Seniors by the Juniors at the Junior ball, the Juniors were present as guests of honor.

The music of Oard's eight piece orchestra was pronounced by all as beyond criticism. The frappe served by a committee of the class proved very acceptable to the merry-makers between dances.

When the last strains of the eighteenth dance died away all the departing guests pronounced the Senior Ball a decided success.

The Y. W. C. A. girls at the University of Washington recently held a pie sale. No fatalities among the purchasers are reported.

ried out will be seen by the list of speakers that is given below:

- Dec. 9th—Rev. Leonard.
- Dec. 16.—W. W. Tously.
- Jan. 6th—F. A. Nagley
- Jan. 13th—Rev. C. R. Adams.
- Jan 17th—Joint meeting with Y. W. C. A., speaker Rev. Tilden.
- Feb. 3, 5, 8,—Mr. Fenno
- Feb. 17th—Dean Burleson
- Feb. 24th—W. M. Parsons.
- March 3rd—Roy Cook.
- March 10th—Dan Knowlton.

The average attendance at these meetings was forty. With the support of the students these meetings will be continued during the spring term.

First Tryout In Base Ball Friday

"Mag" Lines His Men Up and Takes Notes—Some Men Show up Well.

ATHLETIC SCHEDULE BELOW

Track Meets Boom—Two More Institutions Join Intercollegiate.

Pleasant music was in the ears of the baseball fans Saturday when Pitcher Dwyer stepped into the box and the boys got down to business with their "make him put it over," etc. The game was between the first and second teams and resulted in a score of 5 to 3 in favor of the former. Of course it was only a tryout and it will be few days before Coach Magoffin has his men spotted and placed. Nemzek has the box cinched; Walt Haskins stands behind the bat; McGurran and Parker are both doing well at first base; Bert Haskins holds down second; Ostby or McCarthy has the third, Jewell or Lembecke does the short work; and Shrams with those who don't get to the infield will be in the back ground. Nothing definite can be stated, however, until the team plays the Science School Saturday at Fargo in the Athletic Park.

Schedule of Athletic Events.

- April 24th—Wahpeton Science School at Fargo.
- April 28—Concordia College, at Fargo.
- May 1—Fargo College, at Fargo.
- May 5—Concordia College, at Fargo.
- May 8th—Open date.
- May 12—Macalester, at Fargo.
- May 15—Inter High School Meet, at Fargo.
- May 18—Fargo College, at Fargo.
- May 21—Valley City, at Fargo.
- May 22—Wahpeton Science School, at Wahpeton.
- May 26—Open date.
- May 29—Valley City, at Valley City.
- May 31—Hamline University, at Fargo.
- June 3rd—Fargo College, at Fargo.
- June 5—Mayville Normal, at Fargo.
- June 5—Intercollegiate Track Meet at the Agricultural College.

Track Meets.

The Inter High School Meet is now on its pegs and is looked forward to as a promising undertaking as there are already enough high schools listed to ensure its success. The Interecollegiate meet also is a sure thing and June 5th is the date. Two more institutions have been added to the list since the last issue of the Spectrum and now Concordia College, Moorhead Normal, Mayville Normal, Valley City Normal, Fargo College, Wahpeton Science and the A. C. will be represented.

The meets will be held under the auspices of the A. C., and all funds for prizes and entertainment of out of town teams and other expenses will be met by our Association. There will be fourteen events with 1st, second, and third

Big Debate Upon Next Friday Evening

Reciprocity Question Will Be Thrashed Out in College Chapel.

FIVE ON EITHER SIDE

Debaters Experienced and a Hard Fought Forensic Fray is Expected.

On Friday evening at eight a. m., in the chapel will occur the annual Stockwell Prize Debate with the following program:

President of evening—A. G. Arvold.

Music.

Debate—"Resolved, that it would be for the best interests of the U. S. to establish commercial reciprocity with Canada."

The affirmative will be upheld by Amos Ewen, Grace Briscoe, Will Stapleton, Jerome Laizure, and Edwal Moore; the negative by Leroy Gifford, Edwin Traynor, Margaret Magill, Michael Lamb, and John Magill.

Music.

Decision of Judges.

Ten minutes will be allowed for each speaker for direct argument and three minutes for each individual rebuttal. Two prizes are offered. One of ten dollars is given to the winning team and another of five dollars to the best individual debator.

Judges:—

- Attorney Stanbaugh.
- Attorney Crum.
- Judge Ryan.
- Judge Roberts.

PROF. LADD CALLED BACK TO WASHINGTON

Will Testify for Commission Appointed by President Taft.

In response to urgent calls from Washington received by Professor Ladd he left yesterday enroute for the Capitol city, where he will again go upon the witness stand, this time to testify before a commission which has been appointed to investigate problems connected with beverages that have arisen in connection with the pure food law enforcement.

The hearing before the commission is upon the 23rd and it is thought may last two or three days, so Professor Ladd is not expected back before the first of next week.

Professor Ladd is in demand these days. But a week ago he returned from England where he was called to testify in a bleached flour investigation.

Dartmouth has just recently adopted the one-year rule in athletics.

Wake up! and see the new ones at the Hub, Moorhead.

prizes making a total of over forty-two medals.

This event will take place Saturday before commencement week and will be the crowning event of the season.

Graduating Preparatory Students Give Program

Large Crowd Listen to the Efforts of the Sub-Freshmen Class.

27 IN FINISHING CLASS

Wierd Witches Brew Magic Potion Which Gives Forth Prophecy.

The class of 1913 made their first appearance before the public last Friday evening in the College Chapel when a large audience assembled to hear their class program. Having demonstrated their mettle earlier in the day in another way the program was looked forward to with interest. The Senior Preps justified expectations and did themselves credit for a second time.

After the class, twenty-seven in number, had filed into the room, they gave a hearty yell, as a prelude, under the leadership of Wm. Harrington. First on the program was selected music, a piano solo by Agnes Halland. The remainder of the program was given by members of the class.

The President's address was given by Gabriel Lundy in which he spoke of the position of the Senior Preps who would next year begin the College course and their duty and desire to live up to the standards of the institution. This was followed by a humorous recitation by Lottie Lockhart which pictured graphically the troubles of a Dutchman at a telephone.

An oration on 'Man The Masterpiece,' was delivered by John Wentz in which he sketched the exalted and wonderful position of man in the Universe, outlining his marvelous achievements in present and past ages.

The room was darkened and in the ghostly light two witches arrayed in somber black, appeared and proceeded to brew a magic potion in a caldron at the same time chanting a magic lay. When the spell was wound up they proceeded to draw forth from the caldron short prophecies which told of the future illustrious deeds of the members of the class of '13. The two witches, Misses Gertrude Gibbens and Alice Tibert succeeded in throwing a ghostly spell over the audience and their part of the program proved very effective.

A paper on College Mysteries in which a few of the standing mysteries of the institution were mentioned and some of them explained, was then given. This was written by John Heath, who was unable to be present on account of illness, and was read by Wm. Rommel.

A piano solo by Miss Ruth Heath concluded the program.

Following the program a short reception was held and light refreshments in the form of lemonade and wafers were served to the visitors. The chapel was tastily decorated with crepe paper and banners in the class colors orange and black. In every respect the program was a success and reflects no small credit on the class of '13.

FAKES ARE DISCUSSED AT POLYTECH. MEETING

Prof. Richards also Talks and Outlines Plans for Co-operative Breeding.

Owing to the fact that the slides for the illustrated lecture, which Mr. Dynes was to have given at the Polytechnic Society meeting Wednesday evening, did not arrive from Cornell University, the meeting was given over to informal reports. Several of the members gave short talks on various topics that they had become interested in and thought might be of interest to the society.

Co-operative Breeding.

Professor Richards gave a short talk on the co-operative work which is being done in the state in conjunction with the United Rural Department and has been in The work was outlined by Professor W. H. Hayes of the Agricultural Department and has been in vogue at the Minnesota Experiment Station for two years and was started in this state within the last year.

This work is certainly to be commended as it will tend to increase the number of pure-bred animals in the country, and do it in such a way as to make the farmers directly interested in the work. It is a deplorable fact that at the present time there are only about three per cent of the total number of domestic animals in the United States that are pure bred, and of the total number of animals of a like nature in this state it is not probable that more than one or two percent are of pure breeding.

In connection with the co-operative work of the government Dean Shepperd mentioned the interest which he had found in the improvement of horses, among the men of authority in the war department.

Fakes.

Mr. Fitz called the attention of the society to the Alaska wheat which has sprung into such prominence in the last few years. He told how this wonderful wheat, which is supposed to yield 222 bushels per acre, was grown from one lone head that was found on a rocky cliff in Alaska and was bred up by a man by the name of Adams and is now being sold for twenty dollars per bushel to unsuspecting farmers. Professor Shepperd added a little to the story of the birth of this wonderful wheat by saying that there was another story told in regard to the finding of this wheat which had it, that all but two kernels of this lone head that was found on the Alaskan cliff had been eaten by the birds and that one of the kernels that did remain did not grow. As has been stated before in the Spectrum, this wheat has been tested in the mill and found to be among the poorest that have been tested this year and that the yield never exceeds thirty-five bushels per acre.

Mr. Fitz's talk on fakes in wheat led Professor Waldron to speak of the "Wonder Berry" which is being so widely advertised in the agricultural press. This berry is supposed to be the product of a cross between two berries that were worthless and unfit to eat, with the result that a very desirable fruit was obtained. By attaching Luther Burbank's name to the production some people have been selling this wonderful fruit at enormous prices. In reality the "Wonder Berry" is nothing more than the nightshade, which is found on the

prairies of North Dakota, and which often proves a very troublesome weed when once introduced into the field.

CANNIBALISM IN THE AQUARIUM

Gold Fish and Bullhead Chew the Gills of the Water Puppy.

The animals in the aquarium in the zoological laboratory show some interesting features. The water puppy which was presented to Dr. Bell by a boy near Fort Ransom is especially interesting in that it shows regeneration in a marked degree. The gold fish and bullhead which were in the aquarium with the water puppy had eaten off about a quarter of an inch of its gills, and now that most of the other fishes are taken out the water puppy is regenerating its gills so that they are nearly their normal length. Aside from, this there are three gold fish in the aquarium which show the three colors found in gold fish: yellow, white, and nearly black. This shows the variation in color which is found in domesticated animals; the gold fish that are found in their native habitats are usually considered to be black.

The water puppy is also interesting from the fact that it was supposed by the young man who sent it to be a subterranean fish, but Dr. Bell says that it is a form of water animal that is quite common in the streams of this state. It is well worth one's time to call and see these points of interest as they are quite pronounced.

CHEMISTRY STAFF BANQUETS AT GARDNER

In Honor of Prof. Ladd, Who Tells of Experiences Abroad.

Thursday evening the Gardner Hotel was the scene of a pleasant informal banquet given in honor of Professor Ladd by the members of the Chemical staff. The banquet was followed by a smoker, during which those present listened to an interesting and graphic account of Dean Ladd's experiences during his recent trip across the waters.

Those present and who report a most enjoyable evening were: Professors White, Abbott, Ince, Zeifle, Remington, Sudro, Putnam, and Messrs. Fitz, Bailey, Stockham, and Sanderson, with Dean Ladd as guest of honor.

OPEN MEETING OF CLASS IN MUSIC SCIENCE

On Tuesday afternoon, April 20, the class in Music Science, under the direction of Mr. Edwards, will have an open meeting for the purpose of illustrating the two movements of Tschaikowski's "Patheic Symphony," which is announced on the program of the Minneapolis Symphony Orchestra at the opera house Friday night. These two movements will be explained, and played as a piano duet by Mr. Edwards and Mr. Edgar, organist of the First M. E. church. The meeting of the class will occur at 4:30 p. m., in the Music Building, and all who are interested in the work of the class, and especially those who expect to attend the symphony concert will derive much pleasure and benefit from this acquaintance with a portion of one of the masterpieces of orchestra writing. Every one is invited to attend.

Friday faculty meeting was a quiet affair, being devoted entirely to routine business.

RECITAL COMES TO- MORROW EVENING

Prominent Musicians and Mrs. Remington Will Appear.

Tomorrow evening, April 21st, begin promptly at 8:30. Your in the College chapel, will be given a recital by Miss Edythe Grasse, soprano, Mr. George Edwards, pianist, assisted by Mrs. Jessie Remington as leader. The program, which appears below, will self and friends are cordially invited to attend, and a special invitation is extended to students and faculty.

Piano.

Schutt—Theme and Variations in G. Op. 62.

Reading.

Sheridan—Two Scenes from "The School for Scandal."

Soprano.

Schumann—Spring Night.
Brahms—My Heart is in Bloom.
George Edwards—Sea Slumber Song.

Edyth Herchmer Grasse—Would You Your True Heart.

Van Der Stucken—O Come With Me in the Summer Night.

Piano.

Sgambati—Nocturne in B. Minor.

Donizetti—Leschetiszki—Sextette from "Lucia di Lammermoor." (For the left hand alone)
Chaminade—Air de Ballet in G

Reading.

Gilson—Grandfather.

Soprano.

Lehman—Endymion.

Piano.

Lizzt—Legende No. 2 in E Major.

"St. Francis of Paula Walking on the Waters," (By Request).

ORATORICAL LEAGUE SHOWS APPRECIATION

Resolutions Concerning Masonic Grand Lodge Prize Are Published.

In order to show their appreciation of the gold watch which the Masonic Grand Lodge of North Dakota awarded to the winner of the state inter-collegiate oratorical contest, the North Dakota Inter-Collegiate League of Oratory appointed W. O. Whitecomb of the Agricultural College, who is secretary of the league, as a committee to draw up a set of resolutions and have them published. The prize which the Masons have seen fit to award the winner of the contest each year is certainly one of which anyone should be proud to be the possessor. This prize will certainly cause increased enthusiasm in the oratorical field and will no doubt make the contest next year even better than it was this year.

The following are the resolutions as presented:

"Whereas, the Masonic Grand Lodge of North Dakota, in order to give encouragement to and inspire interest in the art of public speaking and oratory has seen fit to award a prize, annually, to the winner of the state inter-collegiate oratorical contest; and,

"Whereas, the action on the part of the Masonic fraternity has already borne good fruit in the form of increased enthusiasm for this form of student activity; therefore,

"Resolved, That the North Dakota Inter-collegiate League of Oratory hereby desires to express its appreciation and gratitude to the Grand Lodge of Freemasonry of North Dakota and will labor hereafter with even greater zeal

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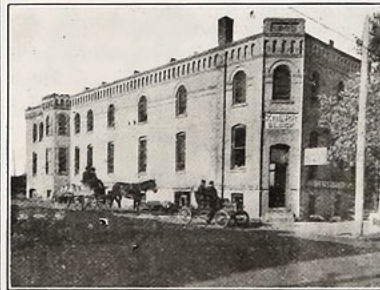
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for the encouragement of oratorical effort among the higher institutions of learning throughout the state. "Resolved, That a copy of these minutes be furnished the secretary of the Masonic Lodge and also to the press of the state."

THE WEEKLY SPECTRUM

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Spring Events.

Stockwell Prize Debate
..... April 23rd
Y. W. C. A. stages "Breezy Point" April 30th
Freshman Class Program
..... May 14th
Inter-schoolastic Meet. May 15th
Sophomore Class Program
..... May 22nd
Commencement June 4-8

Student Government.

The matter of student government is one which confronts every college and university and many ways have been devised to carry on the various enterprises which go to make up student life. At the present time the governmental affairs of this college seem to be at a critical point. We have three organizations which effect the student body as a whole, no one of which does very efficient work at the present time. The organizations referred to are the Student's Organization, the Athletic Association, and the Oratorical Association. It is needless to enumerate the scope of work allotted to each of these organizations, for our readers are doubtless more or less familiar with the workings of each.

As is the case with all colleges, we are growing and our needs are changing. While these three separate organizations have been fully adequate in the past there is need of a change at the present time. The reasons for this change can easily be seen when we consider that at the present time, or when the new athletic fee goes into effect next year, all students will be members of the Athletic Association, but the only duty of the association will be to meet once a year and elect three members for the advisory board, a general manager, and a set of officers, the latter of which have no active part to play. The same is true of the Students' Organization, the only function of which is to elect the editor and manager

of the Spectrum. The Oratorical Association, which consists of the members of the two literary societies, should include all the college students.

The change which has been suggested by several is that these three organizations be dissolved and one central student organization be formed which will consist of all the students at the institution. This organization to consist of a set of officers and one board for each of the various departments, as athletics, oratory, and debate, and Spectrum; other boards being elected as the needs demand. In addition to these boards a faculty manager of athletics and a student member of the oratorical league would be elected by the organization.

In addition to the above change it would be well to introduce the Australian system of ballot and have the election under the control of an inspector elected by the central organization. This would make it necessary for candidates to the various offices to announce their candidacy some time before the election, so that it would give everybody a chance to know who were the candidates before they cast their ballot.

With this system of voting for the different boards and managers it would be possible to have only college students vote on matters pertaining to the Spectrum and oratory and debate, while all students at the College would be allowed a vote in athletic matters.

The Main Chance.

Bismarck once said of the German college students: "One-third of them die of dissipation, one-third of over-work, and the rest govern Europe." The chancellor's words would be well used as a text, except that then they would fall unheard, for none of us like to be sermonized. Yet if we take them not too literally, there is a grain of truth even for the best of us.

Undergraduates may always be divided into two classes—those infected with the germ of good-for-nothingness, and those otherwise constituted. The first class needs no introduction. It is made up of Charleyboys; the incontrovertible fusser, disliked uniformly by student and co-ed; the sport; the snob, and the professional athlete. These are the men who disprove their usefulness.

The men who come here to work may themselves be divided into two groups. The first contains the grind, who by constant pouring over books becomes as narrow as the proverbial hermit, losing thereby all breath of perspective. He gets good grades, but in getting he sacrifices the fellowship of others—he loses the development so necessary to success in life. These are the men who die of over work. And by "die" Bismarck meant not physical, but mental death.

The third class of college men

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WRITE TO THE PRESIDENT FOR CIRCULARS AND CATALOGUE

— the men who were to rule Europe— are those who, while recognizing the extreme importance of the mastery of class-room subjects, recognize also a second field. They mix with their fellows. They engage in college activities—they make possible the Cardinal, the Lit, the Sphinx, athletic and debating teams, the Wisconsin Union, and other activities of a like nature. But they do not sidetrack their work as students in the doing, for in that event they, too, fall back into the ranks of their dissipated brethren.

Despite the protestations of a few faculty theorists, it is unfortunate that more Wisconsin students do not recognize their opportunities. College activities are ever crying for recruits. But they are not asking men to sacrifice success by participating in them; they are rather offering a breadth of development which means later success to those who will enter.

The man who passes from the university at the end of four years, known only to the dingy walls of his room and to the musty toms of the library, and he who has dissipated his opportunities, will not return years hence with honors from the chosen field of endeavor. But the men, who with other fields will so return—for they are the men who will govern Europe.—Editorial from the Daily Cardinal.

Try an "L" system this spring and see what a difference clothes make.

An anonymous vigilance committee has been formed at Utah to enforce the campus regulations.

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Ambassador James Bryce has gone!

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CALL FOR MILLER

Professor Ladd is in receipt of a letter requesting him to recommend a man qualified to take charge of the new experimental mill that is being erected at the California Experiment Station, Berkely, California. It is also required that the man possess a thorough knowledge of chemistry.

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Societies

ATHENIAN.

The Athenian Literary Society met in the society room, Friday, April 16, at 7:00 o'clock. A very interesting debate, "Resolved that every voter who fails to vote upon election day should pay as a penalty, a double poll tax," was the chief feature of the program. The affirmative was upheld by Harold McKinstry, Esther Evans, and Charles Ruzicka; the negative by Faye Preston, Reginald Dynes, and Ray Towle. Each speaker was given five minutes for direct argument and three minutes for rebuttal. The decision of the judges was in favor of the negative. The closing number was a vocal solo by Esther Evans which was enjoyed by all.

Y. W. C. A.

Miss Fishback lead the Y. W. C. A. devotional meeting, Thursday, April 15th. She chose as her subject "What do ye more than Others" and in a clear and simple way explained why a Christian should do and be more for Christ than others.

After the meeting there was a social half hour and refreshments of chocolate and cake were served. This was one of the largest meetings of the year, and it is hoped that the attendance will continue.

Sunday afternoon at the First M. E. church, Miss Fischback spoke at a joint meeting of all the associations of this city and of Moorhead.

Philo's Decorate Society Room.

The Philomathian Society room in the Library is to be made homelike and cozy by the addition to its walls of a few well chosen pictures and busts, and to its windows some dainty curtains.

The decorations were selected and purchased last week by a committee of the older members of the society and will be put in place before the next meeting, at which time occurs the ceremony of burning the mortgage which has recently been released against the piano which was purchased by the society on the installment plan several years back.

Something Good.

The regular attendants at the Polytech meetings are promised something especially good for the next two meetings. The first meeting will consist of an illus-

trated lecture on poultry and some of the things that have been done in the way of breeding domesticated fowls by Professor O. W. Dynes. The following meeting will be given over to a lecture by Professor Bergman on the cell. This will be especially interesting and contain a fund of information to those who have studied the cell and know of its complex nature and the important part it plays in the life of plants and animals. Both of these lectures will be by men who have made a special study of their subjects and are prepared to give something of interest and value to the average student whether he be taking this particular line of work or not.

ENGAGEMENT OF COLLEGE PEOPLE ANNOUNCED

Great was the surprise of the college people Friday morning when they learned of the engagement of Professor Chambers to Miss Grace Ware. It was generally supposed that our dear Professor was perfectly safe from this affliction which invades the peaceful hearts of mankind and makes them discontented and henpecked beings for the rest of their lives, but it seems that cupid has many and mysterious ways of appearing at unexpected times and places.

Miss Ware will be remembered by most of the students as a student at the College during the fall and winter terms, her family having moved to Fargo from Minneapolis at the beginning of the school year. Professor Chambers left for Minneapolis, the present abode of his future happiness, Friday evening on the fastest train that could be secured where he spent three happy days away from the busy and troublesome days of a college professor. All the College people and the friends of the happy couple join in wishing them every happiness that this old world has in store for people under such circumstances.

FEMALE TWIRLERS.

Coeds Get Busy With the National Game.

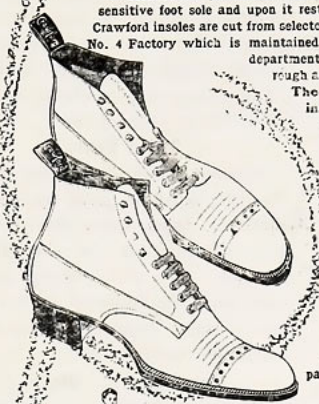
Base ball practice has started at the A. C. Ladies' Hall and the spare moments between meal times and study hours are spent in tossing the horsehide sphere instead of practicing the barn dance on the roof as in previous twilight hours. Some excellent material has been up in practice games and Coach Magoffin is seriously considering the plan of enlisting some light footed damsel to replace Bert Haskins at second base on the regulars. Miss Morrow would probably have the preference as she shows extraordinary ability at getting rid of the ball and her reach is good. Miss Erickson is great on the "glomin" stunt, but shows a tendency to be shoulder bound in delivering. Miss McLean handles the stick like a feather duster, but connects with grounders well and will make Miss Pelissier hustle for short if she gets her batting average up with the western girls. The Misses Guinness and O'Keefe cover their ground well in the field, but are inclined to overrun the high ones, which fault will be corrected by practice, no doubt. Other promising candidates have signified their intentions of entering the game and an attempt will probably be made to arrange a contest, or at least a practice game, with the regulars, soon.

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SCIENCE ASTOUNDED

Student Scientist Discovers Remarkable Fact in Connection With Spraying

Investigation discloses the remarkable fact that the excessive spraying, with iron sulphate, has caused the campus to grow up to wire grass. The dandelion appears rather bashful this spring and has only shown itself in the back campus, and with very shy and sickly looking sprouts at that, but the chances are that one of Professor Bolley's refreshing showers will bring it out strong and ready to hold its own against even iron wire grass.

Editors Note:—We believe the above will bear further investigation.



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Agricultural Work In High School

Prof. Randlett Draws Up Outlines that Will Appear in H. S. Manual.

COVERS YEAR AND A HALF

Prof. Waldron Indicates Horticultural Work Also.

Prof. G. W. Randlett has just completed an outline of a course of a year and a half work in agriculture for high schools. He has prepared this outline at the request of the state high school inspector, who intends to embody it in the state high school manual.

In the schedule submitted to the high school inspector, Professor Randlett says: "It is impractical to give less than three years of agriculture, including the botany and zoology preparatory to it, in a high school course. In less time the subjects cannot be covered in a sufficiently comprehensive manner to be of much value to the student or to give him an adequate idea of the scope of the field.

"Textbooks adapted to this kind of work in the three strictly agricultural subjects covering three semesters are entirely lacking, which makes it necessary that teachers be secured who have had some technical agricultural training and who have had actual farm experience and rural residence. This thoro, special education on the part of the teacher is necessary that he may be able to adapt the material from college text books, bulletins, and farmers' reading circulars to the need of the high school classes. Farm residence and experience are required in order that the teacher may be grounded in the subject, that he may know the viewpoint of rural people and the handicraft of the business in such a manner as to adequately present it to the pupils who come from the farm homes of the state.

"Teachers suitably qualified by education and experience cannot be secured for the salaries commonly paid high school departmental teachers. These men are in demand for positions as farm managers and superintendents, and as scientific experts in state and federal investigational work. Many of them prefer to engage in farming operations on their own account which further reduces the number available for teaching positions."

The schedule of the semesters of the work in agriculture is designed to follow the year's work in botany and zoology which, as mentioned in last week's Spectrum, is being outlined by Professors Bolley and Bell. Below we give the schedule in condensed form, the detailed outlines of the various topics and laboratory exercises being omitted.

The Schedule: Second Year.

First Semester.—Agricultural Physics; must be given by lecture method. Discussions: Physical and chemical principles underlying the subject applied to agricultural problems and operations; elements of machines; fluids and their movements; energy as applied to farm problems; tillage operations and implements for the same; the construction and ventilation of farm buildings; etc.

Second Semester—Agronomy: (a) Soils, first eight weeks; King's "The Soil" may be used as a text but will need much adap-

tation by the teacher. Discussions: Formation, classification percolation, capillarity, aeration, irrigation, drainage, plant food and its availability, fertilizers, etc. (b) Farm Crops, last ten weeks. Must be given by lecture method. Discussions: History, varieties and types, market grades, botanical relations, place in rotation, approved methods of cultivation, weeds, habits of growth, method of dissemination, methods of eradication or control, etc.

Third Year.

Second Semester—Animal Husbandry; must be given by lecture method. Discussions: Breeds and types; principles of breeding; feeding; care and management; dairying; the Babcock milk test; the cream separator; common forms of bacteria, etc.

Horticultural Work.

Professor Waldron in compliance with a request from the high school inspector has also prepared an outline for a semester's work in horticulture. It is thought that this work might be advantageously offered in the first semester of the third year.

Professor Waldron in his outline says, in part:

Horticulture deals particularly with the life functions and habits of plants. These functions and habits are affected by heat, light, moisture and plant food, and further by plant manipulation, such as pruning, grafting, etc. To produce certain results by the control of these agencies and by proper manipulation is the object of the horticulturist. The results to be obtained are size, fruitfulness, quality, earliness, rapidity of growth, etc.

Teaching horticulture means to instruct how to obtain these results. The work may be done thru text books and lectures with a sufficient amount of observation and work with plants to fix the points in mind and afford some manual skill.

The different principles discussed may be illustrated by growing plants in the schoolroom and garden. The following general topics will naturally receive attention:

First: **Germination.** The conditions necessary for germination and the means of obtaining such conditions in the soil may be illustrated by concrete examples. The development of the plantlet should also be studied in relation to varying conditions of heat, light and moisture.

Second: **Roots.** Determine by experiment what conditions favor the growth of the roots of plants. Study the different types of roots with relation to their requirements.

Third: **Stem and Leaves.** Observe the different types of stems including the different forms of trees. Be able to distinguish the different kinds of trees by their twigs. Study the different forms and structures of leaves. Note the conditions favoring leaf development and the relation of leaves to growth.

Fourth: **Buds.** Study the structure and arrangement of buds, noting difference in form and arrangement of leaf and flower buds.

Fifth: **Plant Reproduction.** Note the different methods by which plants reproduce themselves and the advantages of each. Learn the different general methods of artificial reproduction. Learn the different processes.

Sixth: **Plant Cultivation.** Learn what fruit and vegetable crops can be grown in our locality and what are the necessary conditions for success.

HOLSTEIN BREEDERS FORM A CIRCUIT

Prof. Richards Present Object Is to Secure Impetus for Dairying.

Professor Richards returned from his trip to New Salem last week where he completed the organization of the North Dakota Holstein Breeding Circuit. Sixteen farmers in the vicinity of New Salem have been admitted to the association and the outlook for the circuit is very bright. In speaking of the project, Professor Richards said: "The members of the circuit will breed pure-bred Holsteins under the joint direction of the representative of the North Dakota Experiment Station and the United States Department of Agriculture. The aim in establishing this circuit is to try and secure a type of Holstein adapted to North Dakota conditions and breed in sufficient numbers to supply the wants of the farmers of the state."

Each member of the circuit will purchase from three to five pure-bred Holstein animals. To secure these animals Professor Richards and one of the members of the circuit contemplate taking a trip to Wisconsin or possibly New York the middle of next month.

This circuit should certainly give an impetus to the dairy industry in North Dakota and in itself should be highly successful as New Salem is recognized as being the best developed dairy district in the state.

QUIET IN THE FORGE SHOP NOW

Things are pretty quiet in the blacksmith shop now compared to what they were last term. But one small class is now working three days a week. Mr. Chisholm is busy the rest of the time repairing the farm implements.

PARKER WILL SOON BE MAKING BRIQUETTS

The briquetting machine which is being made at the downtown foundry by the National Briquetting Company for the College is now nearly ready, and Mr. Parker, who is working on the briquetting problem, will soon be busy making briquetts out of North Dakota lignite.

SOMETHING DOING.

There was something doing in the electrical laboratory when Dave Moore tried to transform an electric current to 110 volts. The transformer would not work and Dean Keene suggested that he put in a pair of transformers. This arrangement did work and Dave not only got 11 volts but 440 and things were blazing away for a while.

SURVEYORS BUSY.

The freshmen engineers began their surveying field work last Saturday. The first exercise consisted of running level circuits between the different buildings.

DR. BAILEY TO LECTURE HERE

It is quite likely that Dr. L. H. Bailey, chairman of the Country Life Commission appointed by President Roosevelt and Dean of the College of Agriculture at the University of Cornell, will give a lecture here during the session of the industrial summer school to be held from August 2 to 26.

It is reported that the excellence of Cal's dancing Saturday night was largely due to a strenuous afternoon's practice with the girls at the Farm House.

CLIMBING OF POLE EXCEEDINGLY PERILOUS

Factor of Safety is Zero to Class Enthusiast Who Surmounts the Same.

It might be of interest to some of those with aerial aspirations to know the results of an investigation as to the safety of the steel flag pole east of the Armory. In a series of careful computations conducted by the class in the strength of materials under the direction of Professor Rose, it is found that climbing above the second joint was extremely perilous. Assuming the weight of the climber to be one-hundred and thirty pounds and the velocity of the wind to be twenty to twenty-five miles per hour, the load on the pole would be within a few pounds of the limit of its elastic strength and the factor of safety would be a variable, approaching uncomfortably close to zero.

Whether the man who climbs the pole is a hero or not is a question for individual decision, but certain it is that he is taking large chances of becoming a martyr to class enthusiasm.

GIRLS HARD AT WORK ON BREEZY POINT

Propose to Demonstrate that Masculine Assistance is not Necessary in Dramatic Art.

The Y. M. C. A. girls are hard at work on the play, "Breezy Point," and already have two acts ready for dress rehearsal. The girls propose to demonstrate that all things of a dramatic nature are possible without masculine assistance. As evidence of this they have appointed the following imposing array of managers from their own numbers: Business manager, Saddle Barrett; stage manager, Matilda Thompson; advertising manager, Emily May; property manager, Kathryn Grest; and musical director, Agnes Peterson. At present this limited number of managers seems sufficient, but if the need for more should arise the girls declare there are still plenty of competent Y. W. C. A. members to fill the positions.

Committee Meet.

The Committee of Seven meets today in Professor Willard's office, at the College, to make further plans on a course for high schools which they are working on.

MORE TEACHERS WANTED.

Three western Minnesota towns have applied to the Department of Education for teachers prepared to teach agriculture in the high schools.

The wrestlers of the Oregon Agricultural College recently defeated those of the Washington University. The college won easily, taking every event.

We read in a dozen of our exchanges that the North Dakota Agricultural College is to have an equestrian bronze statue of Ex-President Roosevelt. Are we or are we not?

An all-university regatta was a recent novel event held at the University of Washington. All of the departments of the college including the women, were represented in the rowing races.

A recent big event at the Washington State College was a banquet given to the regents of the

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College by the Domestic Science Department. We forgot to mention last week that the girls of our Domestic Science Department tendered a banquet to the regents of the College.

A \$20,000 heroic bronze statue of George Washington is soon to be erected on the campus of the University of Washington. The statue is being made by Lorodo Taft, the great Chicago sculptor, and will be placed on the campus by the Daughters of the American Revolution.

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PERSONAL
In a recent number of LaFollette's Weekly appears on account of a speech by Professor A. G. Arvold under the title "Is the Farmer Reaping his Full Profit." The article is accompanied by a cut of the speaker.

Professor Willard will attend the meeting of the board of the State Teachers' Reading circle, which is to be held at Valley City tomorrow, to have his book, "The Story of the Prairies," adopted as one of the books of the circle.

Mrs. Randlett left Thursday night for an extended visit to Iowa and points west. She expects to be gone until the latter part of the summer and will be joined by Professor Randlett on the Pacific coast after which they will attend the exposition.

Professors Ince and Sudro are planning on building some dwellings on thirteenth street north of Prof. Waldron's. That part of town is growing quite rapidly and seems to be attracting the right kind of people so they are all assured of having good neighbors.

The faculty seems to be keeping up their training in the line of baseball in which they became so interested during the winter. They will probably carry off several scalps before the end of the term.

M. B. Johnson of the demonstration farm staff blew in from the northwestern part of the state Sunday and reports things rather backward as far as the weather is concerned in that region.

Professor Arvold will speak at convocation next Monday, his subject will be announced later.

Professor C. I. Gunness made a trip to Abercrombie the forepart of last week.

Professor Richards is busy studying on plans and specifications for a dwelling.

Lough, Stevens, and Drummond are busy all day on Saturdays with the testing machine.

Mr. Morton is out on an inspection tour picking up dope to keep the lab men busy.

Mr. Bailey has a lady's belt buckle. The owner may obtain same by calling on him and proving property.

Professor Waldron made a business trip to Valley City the latter part of last week, returning to Fargo Sunday morning.

Saturday Professor Shepperd made a trip to his farm north of the city to inspect the work that is being done out there.

Professor Adolf Zeifle has a standing offer of fifty cents to anyone who finds a man with his name. Who will be the lucky one?

John Heath was absent from classes last week on account of illness and was unable to take part in the festivities on Friday.

Professor Worst delivered an address before the North Western Educational Association at Minot last week, returning to Fargo Saturday morning.

The Forum reporter has been a frequent visitor on the campus the past week and by the appearance of the articles in the evening's papers he has found it a rather fruitful field.

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Professor Slocum claims to have the largest laboratory in the institution since the warm weather has come; it includes everything outside of the Engineering Building.

Sunday, April 25, Dr. Bell will deliver a lecture at the first Congregational Church on "The Mechanism of the Mind." This is one of a series of lectures that is being given on "Plain Living and Right Thinking."

Reuben Anderson is now getting far enough along in architectural drawing to be able to call himself an architect. He has recently completed the plans for an apartment house of four flats to be erected in Moorhead.

PROF. MCDOWELL AT THE A. C. ONCE MORE

Professor J. C. McDowell, a former professor of the Agricultural Department, who is now in the employ of the office of Farm Management of the United States Department of Agriculture, has been a pleasant visitor at the College for the past few days. He stopped on his way to Coopers-town, N. D., where he expects to attend a meeting of the farmers in that vicinity. From there he goes to South Dakota and then back to Duluth.

Mr. McDowell reports a busy time, as there are only about thirty-five men in the field of this work and each one has to cover several states. The plan is at present to increase the number of men as soon as funds are available so there will be one man for each congressional district in the United States.

YELLOW JOURNAL IS COMING MONDAY

It is reported that an example of yellow journalism is to appear next Monday in the shape of the "Breezy Point Times." This publication will be unique and is to be printed with green ink on yellow paper and will tell about the famous comedy from which it gets its name. Probably but one edition of Times will be printed so be sure and see this one.

To make room for military maneuvers two of the clumps of trees between the Library and Science hall have been removed. This space will now be used as the regular parade ground.

The Public Speaking Department at Syracuse sends its students out to lecture, and issues a pamphlet giving their qualifications. The idea is to give them practice and to advertise the University.

A College degree is required from candidates for admission to Cornell University Medical College. A limited number of scholarships are offered carrying tuition to graduates of any approved college or scientific school who have attained distinction in their college course as certified by their respective faculties.



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Change of Program Mondays and Thursdays.

DR. ABBOTT TALKS UPON "EFFICIENCY".
Dr. Abbott made his first public appearance before the faculty and students of the College last week when he spoke at convocation on "Efficiency". He defined efficiency as the art of doing things in the right way and making the best use of time and material. The superiority of the European people and the people of the older countries, in the matter of efficiency, was pointed out and compared to that of our country. The American people are far behind those of the older countries in the matter of getting the most good out of the natural resources and do not look to the future enough.

While Dr. Abbott's talk was of a general nature, it contained many good thoughts which are well worth considering, not only as concerns the country as a whole but with our own lives.

Be alive while you're living. Get an "L" system.

Horseback riding has been added to the list of exercises at Vassar and promises to supplant most of the other forms of athletics.

FRESHMEN AND PREPS MIX IN THE MUD

Spent a Night and Morning in Glorious Battle on the Campus.

TRUCE AT NOON ENDS IT

Called a Draw But Both Sides Claim the Victory is Theirs.

For many days in the past had those of 1912 viewed with a jealous eye the preparations of those of 1913 for their class day, and when Thursday night of last week came sleep knew them not for they knew that 1913 would be abroad and that if they did not watch out that the flag pole would be decorated in the usual manner during the night. The result was that hostilities began between the two classes about 2:00 a. m., Friday morning and lasted until noon of the same day when a truce was called and it was agreed to call the fight a draw.

Doings at Night.

The freshmen were abroad first and sought to steal a march upon the preps by greasing the flag pole and wrapping it with barbed wire so as to keep the offending ranner down. Later the Preps came upon the scene and attempted to do the climbing stunt, but were foiled.

Being determined that if they could not fly their banner that no one else should, they dispatched President Lundy after spades that they might unearth one side of the pole and tip it over. Lundy came to grief, however. He fell into the hands of the freshmen who promptly took him prisoner. When the preps discovered this and found the freshmen had fortified themselves impregnably in the power house and that it would be impossible to rescue their president they departed.

As morning approached the Freshmen cast about for a safer hiding place for their prisoner. The old tool house in the gardens was hit upon and this was promptly changed into a prison house. Then all but two departed after that much needed rest which the wicked do not get.

The guards grew sleepy and the prisoner grew weary. And then came a chase from the gardens to the Roosevelt school when Lundy was again captured and carried to a private house where he was given the liberty of a room upon promising to remain under cover until three o'clock of that same day.

Banner Up.

About eight o'clock the rest of the preps rallied at the flag pole while the freshmen were still busy making sure of their prisoner. By the aid of a ladder they sent Rommel part way up the pole with the banner but none too soon for the Freshmen were upon them.

In the first rush the Preps were driven from the base of the pole but it was of no avail. Rommel with the prep flag was up above and still climbing. When he reached the third section of the pole he found that the grease

made it useless to persist in his efforts and so he fastened the flag there and then descended part way, tied himself to the pole and remained on guard.

Down below the fun continued. A shower the night before had sufficiently loosened up Fargo's clay that it adhered nicely to the clothes of the fighters as they fought for the possession of the coveted base of the pole. The freshmen made several attempts to scale the pole with the intent of dislodging the prep above who proved an effective blockade; while down below the rushes of the preps kept the freshmen from lending much assistance. From 8:00 until noon this was continued when it was agreed that a truce should be called and that all should eat dinner. It was also agreed that Rommel might descend from the pole and that he would be given an opportunity to reascend before the battle again began.

How It Ended.

When all had eaten dinner and the time had come for the return to action the freshmen proposed that the fight be called a draw, providing that the preps would remove their banner from the pole and fly it no more that day and that the freshmen would retain a number of small banners that had been captured from the Chapel the night before. The Preps readily agreed and all departed to clean up their clothes, both sides rejoicing over the victory they had won.

NATIONAL FRAT. MEN MAY ORGANIZE SOCIETY

A. C. Professors Take Initiative to Get Fraternity Men of Cities Together.

At the initiative of Professor T. D. Beckwith and Professor White, a movement has been set on foot which may ultimately result in the formation of a Pan-Hellenic Society in the cities of Fargo and Moorhead to be made up of members of National College Fraternities who may be residing in the city.

Letters have been sent out to some sixty fraternity men of the two cities by Professor Beckwith, the object of this being, however, only to get the sentiments of the men upon having a regular old college banquet and social time. At this time the matter of the formation of a Pan-Hellenic Society will be discussed, and if enough are in favor the organization will be perfected.

Of the men at the College, who are directly interested in this movement are Dr. White who is a member of the Kappa Sigma, Professor Beckwith of the Delta Upsilon, Dr. Abbott, of the Delta Kappa Epsilon, and Professor Ince of the Phi Kappa Psi, and Dr. Bell and Prof. Sudro of the Sigma Alpha Epsilon.

There is nothing too swell, in clothes, for the Hub to handle.

MORE WORK ON WHEATS AND FLOURS

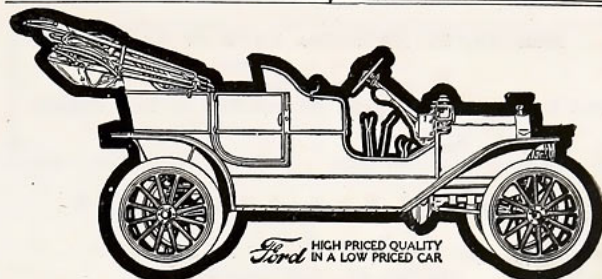
In view of the fact that the legislature at their last session made a special appropriation of \$2,500 per year for two years for the investigation of wheats and flours, Professor Ladd is planning to increase the work that is being done in that line at present and will take up some new lines of investigation.

All forms of smoking except cigarettes are allowed on Yale's baseball squad.

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