

U. E. Minard

THE Weekly Spectrum

VOL. 15. NUMBER 35. NORTH DAKOTA AGRICULTURAL COLLEGE, TUESDAY, JUNE 9, 1908.

PRICE 5 CENTS

NEXT YEAR'S SPECTRUM.

Editor Thomas is Selecting His Staff and Manager Anderson is Already Figuring on Improvements.

Spectrum readers will undoubtedly be supplied with a live and wide-awake college newspaper next year; one that will be strictly up-to-date in every particular. For the past week Editor Thomas and Manager Anderson have been considering the selection of the staff for next year and some appointments have been made. On account of the various unforeseen difficulties which arise during the summer vacation the question of staff cannot of course be definitely settled until the students return next fall.



Levi M. Thomas, '09.

The new Editor of The Spectrum.

As the new staff now stands two of the editorial positions are left open both of which will probably be filled by promotion of some of the reporters who show exceptional ability. The number of reporters has been placed at eight, of whom seven are already chosen, and Mr. Thomas is now out on a still hunt for the eighth. His idea is to place the positions on the staff on a competitive basis and he is willing to give any student who thinks he could handle the work a chance to prove his ability.

The line-up for next year is now approximately as follows:
Editor—Levi M. Thomas, '09.
Associate Editor—W. O. Whitcomb, '09.
Society Editor—Ruby Gibbons, '11.

Reporters.

- Edwal J. Moore.
- Lars Welo, '12.
- William Stapleton, '12.
- William Mercer, '10.
- Norman Powell, '11.
- Samuel Heidner, '12.
- Raymond V. Thomas, '11.
- Hazel Folk, '12.



W. O. Whitcomb, '09.

Associate Editor of The Spectrum for next year.

Mr. W. O. Whitcomb, the new associate editor, is a writer of more than ordinary ability and has already proven his metal in his excellent work on the 1908 Agassiz, of which he was editor. He has been a student at the College for the past five years and is well acquainted with the people and the things that go to make up the institution.

Miss Ruby Gibbons, who will succeed Miss Matilda Thompson, is a member of next year's Sophomore class and has shown considerable talent in her class work along this line. She accepted one of the most important and also one of the most formidable positions on the staff and in accordance with her past record will no doubt carry her work to a successful finish.

The reportorial staff is composed of the most representative students in the several classes and with this material to start with Mr. Thomas hopes to be able to get out a paper which will be as much of an improvement over this year's issues as can be reasonably expected. Mr. Thomas, himself, will remain in charge of the office this summer, while Mr. Anderson, the new manager, expects to return a few weeks before school opens in order to get the business end of the paper in smooth running order before the first issue.

Olson Next Editor of Agassiz.

1910 Elects Officers For Next Year.

The class of 1910 held their annual election last Tuesday afternoon and Mr. Peter Olson was the unanimous choice of the class for Editor of the 1909 Agassiz as was Mr. Howard Darling for Business Manager.

Mr. Olson is a well known and popular member of the class, having entered the freshman year



P. J. Olson, '10.

Who will edit the 1909 Agassiz.

from the Grafton High School. He is the possessor of considerable literary ability, having served on the Spectrum Staff for the past year, and made a reputation for his sound judgement and willingness to work. His Staff will probably be chosen as soon as possible so that the various members may begin the collection of material during the summer vacation.

Mr. Darling, the Business Manager is also a well known student and is now junior partner in the bookstore. He has considerable experience of a business nature and will undoubtedly handle the financial side of the book with success. The class pledged their united support to the Editor and Manager and prospects are bright for a 1909 Agassiz that will excel the previous volumes.

Messrs. Clark and Anderson were nominated for president of

the class, Mr. Anderson being elected. The others officers elected were as follows: Vice president, Robt. Stevens; Secretary, William Mercer; Treasurer, Paul Funderhide.

TWO TAKE MASTER'S DEGREES.

This year two of our students received the degree of Master of Science in chemistry, Emily E. May and W. L. Stockham.

Miss May '06 has been working since her graduation with Dean Lad of the department of chemistry and having completed a thesis upon baking powder and the accompanying major and minor work in chemistry and German and has been granted the degree, M. S. Mr. W. S. Stockham of Des Moines, Iowa, and a graduate of Drake College holding the degree of Bachelor of Science, has been working in the laboratory for the past year and has completed a thesis covering a great deal of original work upon linseed oil. His major subject is industrial chemistry and the minor botany. Mr. Stockham will remain with Dean Ladd the coming year as assistant in chemistry.

DEGREES CONFERRED.

Twelve Candidates Received Their Bachelor's Degree, and Two The Master's Degree.

Judge Amidon Delivered An Inspiring Address to The Graduates.

The final event of the commencement exercises occurred Tuesday morning in the College chapel, when the members of the graduating class were granted their degrees in the presence of the Board of Trustees, the Faculty, and many distinguished visitors.

The exercises were opened with a selection by Rudd's orchestra, followed by the selection, "Columbia, Queen of Nations," by the College choir. Rev. H. G. Leonard of the first M. E. church delivered the invocation.

After another selection by the orchestra, Judge Chas. F. Amidon of the Federal Court, delivered the address to the graduating class. He chose as his subject "A New Definition For Culture," and

tion, but the whole body as well. I have long been looking for a school to which I can send my child and be sure that each and every part of him will be educated with like thoroughness.

Personality cannot be nourished on a diet of study. A great revolution has taken place in the life of the world in the last generation but the schools have scarcely yet begun to take note of it. Our youth have long been robbed of all contact with reality and fed on the east winds of a purely book diet. The tyranny of books is upon us. All our educational endeavors run to books. Perhaps this is because books are the most portable form of known knowledge that we have, but they are also the most dead. They have come to their present prominence solely because they are the most convenient means we have of transferring knowledge from one head to another. May I venture the opinion that books have much too large a place in the curriculum of this institution which stands for the practical as well as the theoretical.

Study occupies an altogether importunate share of our youth. More I think than is absolutely necessary. Some years ago it happened that I wished to spend a portion of the winter in New Orleans. My children were in school at the time and in order that they should not fall behind their grades, I secured from their teachers an idea of the amount of work they would have to complete during their absence and took it upon myself to carry on their education. We spent no time in laborious study but spent a half hour each day, without previous preparation, in studying together from the text books, illustrating what we found there by observing the objects themselves as we rambled around the city. When the time came to return I was somewhat surprised to find that the children were over a month ahead of their companions who had remained in school.

We waste too much time in our school work. You have all suffered the annoyance of sitting in a class room and listening to the stumbling utterance of a classmate who was trying to tell all that he did not know of a subject. Such a waste of time is neither interesting nor elevating.

My ideal country school is a school that ought to fit for the life that environs it as the muscles of our body fit our bones. Every country school house should be surrounded with about sixty acres of land and the studies should be as carefully directed in the tillage of these acres as in other things. Study and labor should go hand in hand. But how shall we transfer the center of education from study to life? That is at present our supreme problem. Where are the teachers to come from? We shall have to grow them, for as yet there are not one hundred people



Administration Building.

MISS CHILDS WILL NOT BE BACK.

Will Leave For Her Home in Pennsylvania Soon After School Closes.

All the students and faculty will be sorry to hear that Miss Katherine Childs, professor of Domestic Science, will not be here when school opens next fall. Miss Childs expects to spend the summer at her home in Corry, Pa., where she will arrive about July 1, after a trip from Superior to Buffalo across the lakes via Sault Ste. Marie.

She will be married late next fall or early in the winter to Mr. Robert L. Hurshner of Pittsburg and expects to make her future home in West Virginia. It is safe to say that there is not a single student who does not feel sorry to see Miss Childs leave and when the happy event takes place out late professor of Domestic Science may feel certain of many hearty congratulations from across the boundless prairie of North Dakota.

began by saying, "It is what we do, and not what we study that makes us what we are."

"Our leaders in educational circles are just becoming aware of that truth. Heretofore, we have been sending our children's heads to school, neglecting the rest of their beings entirely. An eminent specialist was once called as an expert witness in a case at law, and after giving much intelligent testimony that shed considerable light on the case, it became the duty of a young inexperienced lawyer to cross-question him. He propounded to the specialist this question: "Where is the seat of the mind?" The great man answered him by saying 'I do not know.'

'What,' said the lawyer, 'don't you know where the seat of the mind is located?' A man does not think after his head is cut off, does he?'

'No,' said the specialist' but neither does he think after his bowels are removed.'

It is not through the eyes alone, but through every part of the body that there is access to the mind and soul of man. It is not the mind alone that needs educa-

(Continued on Page 2.)

DEGREES CONFERRED

(Continued from Page 1).

in the United States who are capable of undertaking this task. And yet we are asking to have agriculture put into the public schools.

Our whole school system should have an immensely greater expense. We must stop our silly talk about school taxes. What matters taxes if, by paying a few dollars more a year we can obtain schools that will educate men to lead the life of the world round about them? We must pay bigger salaries to our educators also, for it is becoming unprofitable for a man of talent and genius to take up teaching as a profession. Our school superintendents should receive every penny as much salary for the work they do and the responsibilities they carry as does the bank president. The brains are being steadily sucked out of the school profession for the simple reason that commerce and industry offer a bigger reward. We say that the ideals of an educator should be above a mere pecuniary consideration but this is not true. Is it natural for a man to do that which will bring him the largest and quickest returns.

We must enoble labor. True, but there is only one way, and that is for those who have studied to labor, and for those who have labored to study. We must have a more rational division of these things. Hitherto, education has its basic motive in training men so that they can get on without recourse to manual labor. There are, I know a few of the so-called "Industrial" schools which endeavor to train both mind and body, but they are only few. We must learn to correlate work and art, labor and science, toil and inspiration, so that each one of us may live the fullest, broadest life possible.

My own generation has gained the whole world—and lost its soul. In my younger days, whenever we wanted anything we made

it, but now when we want anything we buy it. In those days the presentation of a jack-knife to a boy was one of the most significant events of his life. Today we educate only from the neck up and the jack-knife is useless because all things may be bought. We are coming to look altogether too much at the product and pay too little attention to the producer.

For twenty-five years I have lived altogether "above my neck" so to speak, and I am coming to realize the true value of labor in a man's life. In order to get the best results we must all have some of the labor, and we must all have some of the inspiration.

At the close of Judge Amidon's inspiration address Pres. Worst turned to the graduating class and with a few well chosen remarks impressed them with the significance of the occasion, and their future duty to society, and cautioned them as to the use of the powers they have gained in completing a higher education.

The degrees were conferred by Mr. George H. Hollister, President of the Board of Trustees, who, in the name of the State and the Agricultural College, congratulated the members of the class upon the successful completion of their College careers and asked that they remember their duty to this institution always before them.

With the closing selection by the orchestra, the most brilliant and veratile class that has ever graduated from the College, passed into history and in its place. comes one class of 1909.

The Homesteaders will pay you if you get a leg broken or for twenty-one other accidents. It also pays life insurance and matures its policy.

We notice the article entitled "A new Educational Force in North Dakota" by Dr. Batt was copied in full by the Dickinson Recorder, Wahpeton Globe-Gazette, Bismarck Tribune, and Westland Educator.

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SOCIETY

Y. W. C. A.

Last Wednesday evening the last Mission Study class of the year was held at the Dormitory. A large number of the girls were present and the concluding chapters of "The Lady of the Decoration" were read by Miss Childs. This book has been intensely interesting to all and has aroused an interest in missions and missionaries. The course in mission study has been very successful during the year owing principally to the leadership of Miss Childs. The association extends to her a vote of most hearty thanks for the interest she has taken and the great help she has been to the class in the work. A social hour was held in honor of Miss Childs and the Senior girls, Ruby Hicks, Genevieve Holkesvig and Elizabeth Rice. All of these young ladies, we regret to say, will not be here next year.

There were several musical selections and refreshments of lemonade and cake and seafoam were served.

Glomsett greeting Baernstein," They tell me you have developed into a man this year."

Denistry in China.
Right in front of us on the street doctor's table is a small heap of human teeth. A patient came up to the doctor. On being asked what he wanted he replied simply by opening his mouth to the very widest extent. It was seen that his four upper front teeth were wanting.
Measuring the cavity in the jaw, the tooth pedler carefully selected from the heap the four teeth that would exactly fill it. He then drilled a hole in them longitudinally and inserted a bit of wire to bind them to each other.
The ends of the wire were next inserted in holes that were drilled into the teeth on each side of the cavity and once more the chasm disappeared.
Hard to Do Without Pockets.
"The most annoying thing in navy life for a recruit is the absence of side pockets in the uniform trousers," J. R. Rose, a yeoman at the navy recruiting station, said.
"The average man doesn't realize how strict is the custom of thrusting his hands in his trousers pockets until he dons a pair without pockets. I've worn the navy uniform four years now, and I frequently find myself trying to put my hands in my pockets."

Nice Distinction in Parental Discipline
"I tell you, Blinks, what that boy of yours needs is a thoroughly sound thrashing."
"I don't believe in corporal punishment."
"What? Do you mean to say you never whip that boy, Blinks?"
"No-o," replied Blinks, after some hesitation. "That's sorer except in self-defence."
What is a Spiff?
A spiff is a penny in the pound allowed by generous drapers to their salesmen and saleswomen. Sometimes it is only on profits, sometimes on takings. Such has been elicited at the Sydney arbitration court. One young lady only got 7s. 6d. a week, but she might make an extra shilling for spiffs.—Imperial Review.
Good Excuse in Oklahoma.
"Men rush in where angels fear to tread," remarked the Rev. M. L. Butler, as he requested the ladies to remove their hats. "One old brother told me that he hadn't been to church in a year just because he couldn't see over the hats," said the minister. Nearly all the ladies complied with the request.—Chickasha Express.



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Kill Prison Officials; Escape. Simperopol, Russia, May 14. — A large number of prisoners confined in the jail here made their escape yesterday after killing the deputy governor, the prison doctor and two wardens. The governor of the jail was wounded.

Great Northern Discharges Men. Grand Forks, N. D., May 14.—An order has been issued by the Great Northern railway to lay off forty men who are employed in the shops at Devils Lake permanently.

INTER-STATE ORATORICAL.

South Dakota Won.

The Western League of Oratory held its thirteenth annual contest at Mitchell, South Dakota, under the auspices of the Dakota Wesleyan University on June 5, 1908. The contest was held in the Methodist church of Mitchell, Rex E. Willard presiding.

The following was the order of the speakers and their orations. Miss Althea Ulsaker, N. D. S. S. "Gladstone, The Grand Old Man;" Mr. Alvin Hansen, Yankton College, South Dakota, "The Tragedy of Lost Childhood;" Mr. Don S. Ford, U. N. D., "The Call of the Central Empire;" Mr. John V. Dobson, D. W. U., Mitchell, South Dakota, "America's Great Problem." The orations were of a high order and were delivered excellently. The contest was decidedly a success and the Dakotas may well be proud of their orators.

The oration "America's Great Problem" by Mr. Dobson of D. W. U. Mitchell, South Dakota, was awarded first place. The oration "The Call of the Great Central Empire" by Mr. Ford of the U. N. D. was awarded second place. The following are the markings of the Judges:

Table with columns: Judges, Thought and Composition, Delivery, and Place. Rows include Gladstone, Tragedy of Lost Childhood, The Call of the Central Empire, and America's Great Problem.

The following were the judges: Prof. W. S. Ebersole, Cornell College, Mt. Vernon, Iowa; Rev. J. E. Conant, Minneapolis, Minnesota.

Prof. Charles Bundy Wilson, University of Iowa, Iowa City, Iowa.

Delivery. Rev. Clyde McCord, Marshalltown, Iowa. Prof. Thomas H. Macbride, University of Iowa, Iowa City, Iowa.

Prof. W. W. Girton, State Normal School, Madison, South Dakota.

Owing to an oversight on the part of the author of the oration "The Great Central Empire" the composition was about six hundred words over the limit. For this reason the grade of that oration was handicapped, The Judges gave the oration the grades 92 1/2, 86, and 90 respectively. This handicap however made no difference with the final place.

The financial side of the contest was, as usual, not a success. It therefore became necessary to levy an assessment of fifteen dollars upon each state of the league in order to defray expenses.

The following is a statement of the business transacted by the league in its session at Mitchell, South Dakota. The officers and delegates present were: Rex E. Willard, president, N. D. A. C.; Oswald Alseth, vice president, Yankton, South Dakota; Clyde E. Evans, secretary-treasurer, D. W. U. Mitchell, South Dakota; Don S. Ford, U. N. D., and Alvin Hansen, Yankton, South Dakota.

Moved by Evans and seconded by Alseth that we recommend to the S. D. I. O. A. that the state contest be held not later than May 20th. Carried.

Moved by Evans and Seconded by Ford, that the incoming secretary be instructed to correspond with the proper officials of Montana and Manitoba in regard to entering the League. Carried.

Moved by Evans and Seconded by Ford that Mr. Lee of the U. N. D. and Mr. Alseth of Yankton, South Dakota, be a committee to further the publication of the winning oration of the W. L. of O. up to date. Carried.

Moved by Ford and Seconded by Hansen that one-third of the

prize money on the basis of eighty per cent be levied each year if necessary for three years. The orders to be paid in the order of winning beginning with Mr. Tanner. Carried. (This refers to the back prize money of winning orators before the medal system of rewards was adopted.)

The following officers were elected for ensuing year:

Alvin Hansen, President, Yankton, South Dakota.

C. O. Lee, Vice-President, University, North Dakota.

W. O. Whitcomb, Secretary-Treasurer, N. D. A. C.

ALUMNI OFFICERS.

At the business meeting of the Alumni Association the following officers were elected for next year: President, Miss Emily May; Vice-President, Mrs. Weible; Secretary-Treasurer, R. M. Dolve.

A BRIGHT BOY.

He Needed His Hat and the "Bobby" Was on the Job.

The park policeman, seeing a youngster standing on the brink of one of the ponds in his domain, accosted the youth.

"What's the matter, Tommy?" he queried.

The youngster pointed to a boy's hat, which was bobbing up and down in the middle of the pond.

"My bruvver!" he sobbed. "But the brave 'bobby' waited not to hear more. In a flash he had divested himself of his coat and waded into the ice-cold water. He reached the hat and dived.

He came up at last, but with the hat only in his grasp.

"Can't find him," he gasped. "Where was he standing when he fell in?"

The boy gasped. "He ain't fell in," he said. He's over there. I was going to tell you he threw my hat in the pond, but you wouldn't lemme finish."

J. H. Nightingale Is Head. Duluth, May 15. — The Knights of Columbus of the state elected officers and delegates to the national convention at St. Louis and concluded their gathering here with musical and dancing parties in Elks' hall. J. H. Nightingale of Minneapolis was elected state deputy.

Barkeeper Sleeps; Burglars Steal. Yankton, May 15. — While R. P. Peterka, a barkeeper for a firm at Utica, near here, was taking a nap a band of brigands entered the saloon and carried away five barrels of whisky and a cash register. No trace of the bold thieves or the goods.

Shoots Brother in Eye. Waterloo, Iowa, May 15. — Little Roy Malle, aged eleven years, probably will lose the sight of his left eye from a gunshot wound inflicted a day or two ago by a younger brother.

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Laughing Bird of Australia. To the outside world the greatest ornithological oddity in this country is the kookaburra.

In earlier times it was known as the "settler's vlock," from a belief that its joyful peans were vented regularly at morn, noon and dusk, being quiescent through the heat of the forenoon and the wane of the afternoon. That belief has long been shattered. The kookaburra laughs just when the fit takes it, particularly when excited; and it laughs as readily at the violent death of its mother-in-law as it does at the enraged settler, when he falls off his haystack. A wounded bird makes a demoniacal row, which will bring all others within hearing into the neighboring tree, and these at once set up an echoing cackle that is repeated again and again.

Every Bird a Weathercock. "Where's the wind?" scoffed the sailor. "Why, look at the birds—they'll tell you. Don't you know that every bird's a weathercock?" "Stop moisten! your finger and holdin' it up," he went on, in a tone of disgust. "The practice ain't hardly cleanly. Look at the birds as all you got to do, for, by crinus, every bird sets with its head always straight at the wind. Every live bird in a tree is as reliable a weather cock as them dead birds on the spires what is so much considered in this here Lenten season."

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DR. J. W. VIDAL, M. D., PHYSICIAN and surgeon. Edwards Building, Fargo, N. D.

DR. EDWARD E. BASYE Osteopathic Physician. 101 Eighth Street South, Fargo, N. D. Phone 853.

Dentists

GEORGE B. PATTISON, DENTIST. Office 56-61 Edwards Building.

Albert Hallenberg, D. D. S., dentist. Suite 1-2-3, Morris Block. Phones. Office, 123L; residence, 123K.

DR. F. A. BRICKER, SUCCESSOR to Frenette & Bricker, dentist. Telephone, office, 152; residence, 1037. No. 10, Broadway, Fargo, N. D.

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Lawyer

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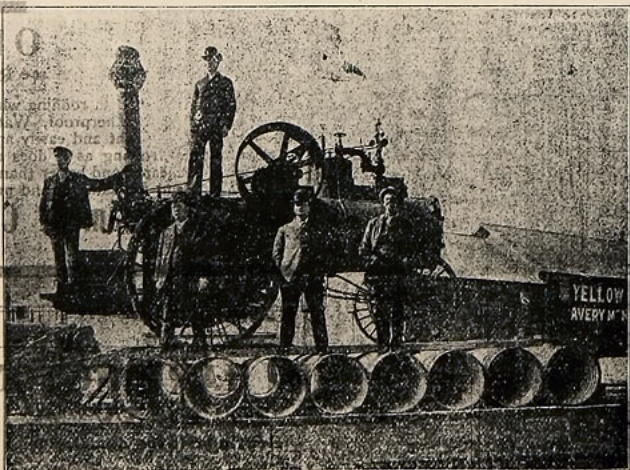
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The Weekly Spectrum

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

Entered as second-class matter September 28, 1907, at the post office at Agricultural College, N. D., under Act of Congress of March 3, 1879.

TERMS

One term in advance..... .50
Single copies05

Subscribers are requested to give prompt notice of any non-delivery or delay of papers. All communications should be addressed to *Business Manager* "The Weekly Spectrum," Agricultural College, N. Dak.

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Rex E. Willard.....Associate Editor
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Leo P. Nemzek.....Ass't. Manager
Matilda Thompson.....Society Editor
A. P. Murphy.....Sporting Editor

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Chas. Ruzicka.

FINIS.

With this Number 35 the responsibility of the present staff comes to an end and upon another group of students will evolve the duty of public sponsors for the Student's Organization. This year the Weekly Spectrum has been more of an experiment than a fact, and it is only since January first that it has come to be looked upon in general as an indispensable part of the student life.

If The Weekly Spectrum has in any way helped, during the present year, to uphold the highest ideals of student life, to encourage college spirit, or in any way to advance the feeling of fellowship among the students, then we think that it has accomplished some part of the work that was cut out for it.

If, as we said, The Spectrum has in any way proved a success, we think that the largest share of the credit belongs to those people who, satisfied with the effort, were content to labor unceasingly without praise, and often in the face of adverse criticism, for what they thought the best interests of the College paper. To the students who have composed this year's staff belongs the distinction of having evidenced the real spirit of College life—self effacement for good of the cause. They have stuck together through thick and thin. Whenever there has been any news they have fretted it out and never once, in the history of the year, has the Spectrum been short of "Copy".

There is no particular honor attached to a subordinate position on the staff of a college paper and certainly no remuneration, but when in the face of these drawbacks, students are willing to sacrifice their time and personal pleasure to the end that their fel-



MORRIS CHAIRS

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low students shall know what is going on about them, then are we inclined to stand uncovered in the presence of true "College Spirit." To the management no less than the rest of the staff is due the success of a weekly at the A. C. Without the sound financial basis upon which they have placed The Spectrum, no newspaper, however humble, could live. Starting upon a new venture in a hitherto untried field, they have by constant "hustling" and persistent canvassing, succeeded in establishing a host of satisfied clients among their advertisers.

To the publisher, also, credit is due. With but two exceptions the Spectrum has, for the past school year, appeared promptly on time each Tuesday morning. Once the paper was held over awaiting cuts from the engraver in Minneapolis, and once the machinery broke down delaying the paper for a few hours' until repairs could be secured. Never once has an issue of the paper been missed, and with the completion of this 35th issue, there have appeared two magazine supplements.

We are justly proud of the record of the paper and its staff, and although we are in position, to see, perhaps better than anyone else, the vast amount of room still left open for improvement, we think that the present staff has acquitted itself with credit.

To the staff, however, is not due all the credit for the year's success. Far from it. Perhaps the most potent factor has been the unwavering support and faith in the outcome manifested by a majority of the most influential students in all the classes. Public opinion is a most potent factor in the success of any undertaking and the success of this year's Spectrum has been due in large measure to the hearty support of the students and faculty in general.

We take this opportunity to heartily thank all those among both students and faculty, who, by their willing co-operation with the present staff, have helped in any way to make The Spectrum possible.

COACH DOBIE LEFT.

Coach Dobie left Friday morning for his old home at Hastings, Minn. Mr. Dobie expects to spend the summer in Hastings and go to the University of Washington early in the fall. Mr. Dobie's many friends regret to see him go but expect to hear good reports from his new and larger field.

A CHINAMAN'S VIEW OF A SCHOOL TEACHER.

Teachee, teachee,
All day teachee;
Night markee papers,
Nerves all creepee.
No one kissee,
No one hugee,
Poor old maidee
No one lovee.—Ex.

IT COSTS NO MORE.

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FRESHMEN ON THE CARPET.

Like the leghorn hen, which lays the egg but will not hatch it, our august faculty finds that some of their resolutions are unpleasant to enforce. Although each class was warned by them that the resolution in regard to class scraps was law and would be enforced, the faculty, lacking the nerve of the proverbial mamma who punishes the child though it pains her more, did not, to any noticeable extent, enforce their "molly coddle" resolution.

It has been noticed however, that the president of the Freshman class has the benefit of several private interviews with members

of the faculty and no one doubts but that he came out ahead as he is not of the "hen-pecked" breed but rather an ingenious bundle of College enthusiasm.

See the Hub ad.

ESSAY CONTEST NO. 1.

The returns from the Farm Mechanics essay contest No. 1, "Plowing by Steam" have just been received from the judges. Reginald Dynes, '11, received first prize, a Queen Corn Planter. Lars Welo, '11, received second prize, an Avery Walking Cultivator. The prizes were given by the Avery Manufacturing Co. The Judges were Elmer May, Argusville, N. D., W. Pickard, Niagara, N. D., and the Fargo office of the Avery Co.

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OFFERS to the young people of this state an education which is thoroughly in line with modern thought and demands. It spends no time on the dead languages or such subjects as are of little practical value. It aims to fit young men and young women for responsible positions in life. The demand of the present is for men and women who can think and investigate for themselves; who can deal with the social, agricultural and industrial problems of the day.

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WRITE TO THE PRESIDENT FOR CIRCULARS AND CATALOGUE

FALL TERM BEGINS SEPT. 14, 1908.

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THE WEEKLY SPECTRUM

COMMENCEMENT SUPPLEMENT

SENIOR FORECAST

The Senior class has been a class of individuals but the members have been no less interested in having a strong class organization. In an institution where there is such diversity of instruction as at the A. C. it is not remarkable that there are no closer student organizations. Of the members of the class five have been pursuing the General Science course and five, the Agricultural course, each specializing in some phase of the work. Other members have taken special work in other departments.

The members of the class have been qualifying themselves for the various lines of work which seem best adapted to themselves. They are now going out against the real business of life and the amount of energy and labor expended has determined largely the efficiency of the work with which each will fill a given position.

The class is the largest that has ever graduated from the institution and great things are expected of them by all who know any of the members. The class will strive in every way to uphold the honor of the Alma Mater and it is expected that no member will disappoint those who are interested in them.

Charles H. Clark was born at Tower City, N. D., in 1887. He has pursued the Agricultural Course, having specialized in breeding. He held the office of president of his class in 1908. He graduates with the degree of B. S.

During the coming summer Mr. Clark will be located at Fargo where he will play the saxophone in Dr. Putman's band. He will teach high school science next year. In 1909-10 he will attend Cornell University where he will take special work in advanced breeding.



Geo. P. Grout.

Geo. P. Grout was born at Laverne, Minn., in 1876. He pursued his preparatory work at Hamline University and higher work at the school of agriculture, Minnesota. He graduates from the Agricultural Course with the degree of B. S. having specialized in dairy bacteriology.

Mr. Grout will go to the Minnesota Agricultural College on July 1, in charge of the dairy laboratory. While in charge of this work he will undertake special work toward the degree of M. B. at that institution. His specialties will be in animal nutrition and dairy bacteriology.



Wilfred P. Heath.

Wilfred P. Heath was born in Cass county in 1888. He attended Fargo College for a short time after which he came to the A. C. He graduates from the General Science course with the degree of B. S., having taken special work in chemistry.

Mr. Heath will act as traveling agent for the Hatcher Brothers Corporation during the coming summer. He intends to take up work at Columbia University during the coming school year. His specialty will be chemistry, working toward the Ph. D. degree.

Miss A. Ruby Hicks was born at Dickinson, N. D., in 1888. She graduates from the General Science course with the B. S. degree, having taken special work in English and history.

Miss Hicks will spend the om-



A. Ruby Hicks.

ing summer at her home. She will teach high school science next year, probably at Hallock, Minn. Miss Hicks will attend Chicago University in 1909-10, working towards a master's degree in the Arts course. She will fit herself for advanced teaching.



Genevieve Holkesvig.

Miss Genevieve Holkesvig was born at Fargo, N. D. in 1889. She completes the General Science course with the degree of B. S. She has taken special work in English and biology.

Miss Holkesvig is promising herself a good time at home during the coming summer. She will teach science in the Cavalier high school during the coming year. She anticipates extended work at Chicago University where she will secure her master's degree.



Carl O. Myhre.

Carl O. Myhre was born in Barnes county, N. D. in 1881. He graduates from the A. C. with the degree of B. S. in M. E. He is the only member of the class who has taken work in the Mechanical Engineering course.

During the coming summer Mr. Myhre will enter into partnership with his uncle, C. K. Myhre, of Nome, N. D., in the machinery business. He anticipates appointment to government service in the Patent Office, Washington, D. C., in the future. Mr. Myhre will later take his master's degree in physics from Chicago University.

F. B. Otten was born in Pembina county, N. D. in 1885. He received the degree of Ph. G. in 1906. He graduates with the degree of B. S. and Ph. C.



F. B. Otten.

During the coming summer Mr. Otten will make an extended business trip to Texas and New Mexico. He will attend the University of Michigan at Ann Arbor next fall where he will work for the degree of M. D. He will specialize in surgery and will practice in that profession.



Gordon W. Randlett.

Gordon W. Randlett was born in Melborne, Quebec, in 1869. He graduated from the Iowa State Normal in 1895. He graduates from the A. C. from the Agricultural course with the degree of B. S.

Mr. Randlett will be instructor in summer school work and will be a farmers' institute lecturer during the coming summer. He will next year continue his correspondence work, being Superintendent of the Correspondence Course. He will also be instructor in applied agriculture.



Elizabeth Rice.

Miss Elizabeth Rice was born at Holman, Indiana, in 1886. She graduates from the A. C. from the General Science course with the degree of B. S., having taken special work in Domestic Science.

During the coming summer Miss Rice will attend the Stout

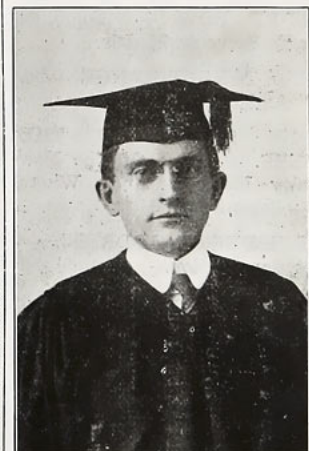
Training School at Menominee, Wis. She will teach Domestic Science in the high school at Larimore, N. D., next year. Later, she will take post-graduate work at one of the larger institutions where she will take her master's degree.



C. J. Thysell.

C. J. Thysell was born at Hawley, Minn., in 1884. He graduates from the Agricultural Course with the degree of B. S., having taken special work in veterinary science.

Mr. Thysell is considering an appointment as State Milk Inspector at Bismarek for the coming year. He anticipates a trip to Europe next year. Later, he will pursue further the study of veterinary science at Cornell University where he will take his degree of D. V. S. (Doctor of Veterinary Science).



Rex E. Willard.

Rex E. Willard was born in Friendship, N. Y. in 1883. He pursued two years of his college course at Carlton, Northfield, Minn. He graduates from the General Science course with the degree of B. S., having specialized in Geology and Soils.

Mr. Willard will be in Fargo during the early part of the summer. He will probably accept a government position as Scientific Assistant in the Bureau of Soils. He will probably be located in western North Dakota during the latter part of the summer.

ONE ON THE CON.

Sunday, sometime after the league ball game had begun, a loaded street car rounded the College corner and proceeded to the usual landing at the ball park. The good people on the car were bound for the College Chapel to hear the baccalaureate sermon and the remarks were not altogether complimentary to the conductor as they left the car. "It is just scandalous," one of the ladies was heard to remark.

What's the difference between a cemetery and a girl's seminary?

Ans. In one they let them die first, and in the other they are buried alive.



F. Ray Babcock.

F. Ray Babcock was born in Barry county, Michigan, in 1882. He was a resident of Kentucky for some years from which state he came to North Dakota. He graduates from the Agricultural course with the degree of B. S., having specialized in plant breeding.

Mr. Babcock has recently been appointed to a government position at the Williston Sub-station as specialist in Dry Land Farming. In December, 1908, he will leave North Dakota for extended work in the laboratories of the Department of Agriculture, Washington, D. C., after which he will be permanently located at Williston.



Charles H. Clark.

Headlines of the College Year

The Year's History As Reflected
By Spectrum Rays.

Now that we are come to the close of the year when Juniors suddenly become Seniors and when even the baby Preblings find themselves full blown "College Men," it might be interesting to stop for a moment and take a look backward into the dim and hazy past of some nine months or so ago. As the great dailies mirror the everyday happenings of the world, so the college paper reflects a portion at least of that ethereal essence familiarly known as "College Life."

The year of '07-'08 has been fraught with portentous possibilities at the A. C. and some of the expected events have taken place, while others, entirely unexpected, have risen to the top, shed their beams radiantly about them for a moment, and again sunk to their depths of oblivion. Such are the transformations of student life, and student life is the exact counterpart, in miniature, of the ebb and flow of the great tide outside the College cloisters.

To prove that the student life does not differ materially from any other form of life in this world we take this opportunity of presenting in condensed form, the outward indications of the seething turmoil which is so soon to subside within. The following record is composed entirely of headlines and sub-headlines taken from the back numbers of the Weekly Spectrum, and gives we believe, a true and concise resume of the year's activities at the college. They are presented in the order in which they occur as closely as possible:

- SENIORS TO HONOR BALD-HEADED ROW** — Dignified '08's To Serve As Models.
- NEW TARGET RANGE** — Co. "B" And Cadets Join Forces.
- NEW SPOKES IN THE WHEEL** — Some Of The New Faculty Members And Where They Come From.
- PRESIDENT'S ADDRESS** — First Convocation.
- THE BOOSTER CLUB** —
- PUBLICITY** — The College Starts Its Own Plant.
- RAH! RAH! PHARMACY!** — Pill Mixers Aspire To Gridiron Honors — Games Wanted.
- BOOSTERS OFFER PRIZE FOR BEST FOOTBALL SONG.**
- ASSISTANT SECRETARY OF AGRICULTURE HAYES** — Passes Boquet To The Green And Yellow.
- SPECTRUM TO OCCUPY NEW QUARTERS.**
- FOOTBALL NUMBER** —
- THE TEAM.**
- YELLS AND SONGS** —
- WILL FIX THE WEATHER.** — Services Of The World's Most Eminent Specialists Scured By The Spectrum.
- RALLY** — Everybody Come And Bring your Lungs — We'll Open Up A Keg Of Nails And Raise The Roof — Pres. Worst To Speak.
- AC** — 45 Lawrence — 4 — Victory For A. C. In Game That Was Fast.
- JAMBOREE** — Students Have A Shout-Fest And Bon-Fire Down town.
- ENGINEERS WIN** — Take Revenge On Pharmacy.
- DR. HOLLEY RESIGNED.**
- STOCK JUDGING CLASS** — Took A Trip To Amenia.
- MAY PLAY THE "U"** — Engineers Feel Big Enough To Eat 'Em Alive.

- A. C. WINS CHAMPIONSHIP OF DAKOTAS** — Against U. S. D.
- OUCH! MY ARM!** Everybody Vaccinated.
- SAW TEDDY** — Prof. Ladd Talk With the President.
- SKATING RINK ASSURED.**
- JUNIOR ANNUAL BOARD CHOSEN.**
- PATRIOTIC WORK OF ART FOR A. C. CAMPUS** — Life Size Statue Of Roosevelt.
- A. C. CHAMPIONS OF MIDDLE WEST** — Haskel Defeated.
- NEW COLLEGE SONG** — Quartette Makes A Hit With "The Green And Yellow".
- LADD MAY PROSECUTE MILLERS.**
- SCIENTIFIC SOCIETY ORGANIZED** — Among Junior Faculty.
- SPECTRUM POPULARITY CONTEST.**
- THE NEW MAN** — Mr. Thompson Takes Charge Of Soil Work.
- LADD WINS** — Suit Against Paint Company.
- DR. HOEL'S NEW BOOK READY** — Text On Paints.
- CHRISTMAS SUPPLEMENT. TENNIS IN DECEMBER.**
- THE PROFESSOR'S PREDICAMENT.**
- CONCERT** — Cadet Band Will Entertain Grain Growers.
- NEW RULES AT DORM** — One Evening Out Each Week.
- \$30,000 PER YEAR** — McKinley Bill And What It Means To The A. C.
- THE TRI-STATE GRAIN GROWERS CONVENTION.**
- FORMAL OPENING OF THE NEW ENGINEERING BUILDING.**
- A. C. SCORES DOUBLE VICTORY** — Against Mayville Normal.
- CYCLONE EXPECTED IN MARCH.**
- OLSON WINS** — Miss Halland Takes Second Place In Declamation Contest.
- BOYS LOST AT ST. JOHN'S**
- INSPIRING ADDRESS DELIVERED BY GOVERNOR BURKE.**
- VICTORY AT WAHPETON** — A. C. Took Both Games.
- NEW CREATION** — Department Of Education Established.
- BIG EVENT** — 1908 Stock Judging Contest.
- ANNUAL ORATORICAL CONTEST.**
- ATHENIANS EXCLUDE PREPS.**
- PREPARATIONS COMPLETE FOR CYCLONE CIRCUS** — Mammoth Parade.
- LANXON WILL REPRESENT A. C. IN ORATORICAL.**
- COEDS IN WOOD SHOP.**
- CIRCUS IN HISTORY.**
- SUBSCRIBE FOR THE JUNIOR ANNUAL.**
- EXITING SESSION IN STUDENTS ORGANISATION** — All To Be Gone Over Again.
- FARM HUSBANDRY COMMENCEMENT** — Seven Complete The Course.
- A WHOLE WEEK** — For Spring Vacation.
- STOCK JUDGING CONTEST** — Dinwoodie Wins Gold Medal.
- DOMESTIC SCIENCE AND ARTS EXHIBIT.**
- Y. W. C. A. STUDENT'S CONVENTION.**
- MEAT DEMONSTRATION A SUCCESS.**

- TWO VIEWS** — Pros And Cons Of The Students' Amendment.
- PUBLIC RECITAL** — By Pupils Of Miss Grasse.
- INTERCOLLEGIATE DEBATE** — A. C. Representatives.
- PROF. MCDOWELL LEFT.**
- AMMENDMENT KILLED** — Students' Organization Will Elect In Same Old Way.
- A. C. SUFFERED SECOND DEFEAT** — Preachers Won Debate.
- STATE ORATORICAL CONTEST AT WAHPETON.**
- LADD RETURNED FROM WASHINGTON.**
- VARSITY GETS ORATORICAL TROPHY.**
- COACH DOBIE TO LEAVE.**
- NEGATIVE WON** — Stockwell Debate.
- FACULTY ADVISORS APPOINTED.**
- TWILIGHT CONCERT.**
- HIGH SCOOOL TRACK MEET.**
- AGASSIZ OUT.**
- PREPS. MAKE GOOD.**
- SHAKEUP IN CHEMISTRY DEPARTMENT.**
- DOMESTIC SCIENCE NUMBER.**
- ELECTION RETURNS** — Thomas, Editor, Anderson, Manager Of Next Years' Spectrum.
- COMMENCEMENT EVENTS** — Twelve Graduates From Various Courses.
- INTER-SOCIETY BANQUET. ANNUAL INSPECTION.**

TESTED STRAWBERRY RECIPES. (Late for Domestic Science Number.)

Candied Strawberries.—Weigh berries, allowing one pound of granulated sugar to each pound of fruit. Put sugar in a porcelain-lined kettle, add one half cup full of boiling water and stir until sugar is dissolved. Skim when it reaches the boiling point. Add berries, cover, and push the kettle back over a moderate fire, where the berries may simmer gently till transparent. Pour off syrup, spread the berries on dishes, cover with glass and stand in the sun to dry. When dry they may be dusted with granulated sugar and put away for keeping.

Strawberry Ice Cream.—One pint of milk, one pint of cream, one cupful crushed strawberries. Sugar to taste. Mix ingredients.

Strawberry Biscuit.— Make dough as for biscuit, of two cupfuls of flour, four scant teaspoonfuls baking powder, two table spoonfuls butter, three-quarters cupful of water. Make a soft dough. Roll lightly on floured board to one quarter inch in thickness. Cut into squares. Fit into greased muffin pans, fill with berries, sprinkle with sugar, fold over ends and bake in hot oven fifteen to twenty minutes. Serve with strawberry hard sauce.

Strawberry Hard Sauce.—One third cupful of butter, one cup full confectioner's sugar, one teaspoonful vanilla, enough berries to color a delicate pink. Cream butter, add sugar gradually, then vanilla and berries.

Strawberry Puffs.— One-third cupful butter, one cupful sugar, two eggs, one-half cupful milk, one and three-quarters cupful flour, three level tea-poonfuls baking powder. Cream the butter, add sugar gradually and eggs well beaten. Mix and sift flour and baking powder; add alternately with milk to first mixture. Bake in buttered muffin pans; serve with strawberry sauce.

Strawberry Sauce.— One-third cupful butter, two-thirds cupful of berries, one cupful confectioner's sugar, white of one egg. Cream the butter, add sugar gradually, then egg beaten until stiff, and strawberries. Beat until berries are mashed.

Strawberry Cake.— One-quarter

cupful butter, one cupful sugar, two eggs, one-half cupful milk, one and two-thirds cupfuls flour, two and one-half teaspoonfuls baking powder. Cream butter, and sugar gradually, eggs well beaten and milk. Add flour mixed and sifted with baking powder. Bake in a thin sheet in a dripping pan. Cut in halves and spread one-half with strawberry filling. Put over the other half and cover with strawberry frosting.

Strawberry Filling.— One-half cupful sugar, two and one-half table spoonfuls flour, one-quarter cupful strawberry juice, one-half table spoonful lemon juice, one egg, slightly beaten, one teaspoon butter. Mix ingredients in order given. Cook ten minutes in a double boiler, stirring constantly. Cool before spreading.

Strawberry Frosting.— White of one egg, ten tea-spoonfuls cold water, three-quarters cupful confectioner's sugar, one-half table spoonful strawberry juice. Beat white of egg until stiff, add water and sugar. Beat thoroughly then add juice. Use more sugar if needed. Spread with a broad bladed knife.

SERVING.
By Ruby Gibbons.

The table may be bare for anything but a formal dinner, but a cloth should always be used. A felt is used for protection and to deaden the sounds. In laying the cloth, be sure the center crease is in the center of the table with the sharp edge upwards and if possible ironed so there is only one crease. There should be at least a quarter of a yard hanging down on all sides.

The center piece may be a large doily, fern, lamp, or flowers.

A cover means everything pertaining to individual service and twenty inches must be allowed each cover. The plate should be in the center of the cover, right side up. The knife should be at the right of the plate with the sharp edge in; forks at the left with the tines up. Spoons are laid with the knife, preferably, especially large ones. Small spoons may be placed at the top of the plate. The oyster fork is never with the other forks, but is usually placed at the right with the tines in the bowl of the soup spoon, or it may be placed on the plate with the oysters.

Glass goblets are used only for formal dinners. Glasses or tumblers, used at breakfast or luncheon, are placed at the tip of the knife, and water glass nearest the plate with the others around it.

The napkin is at the left, preferably, but it may be placed on the plate. Lay the napkin so that the outside edges are next to the plate and the edge of the table.

The bread and butter plates are at the top of the forks. The spreader may be placed on the plates or if large, with the other knives.

The arrangement of the silver should not be more than one inch from the edge of the table. They may be placed in straight lines or in studied irregularity. In using the silver begin on the outside and use in. Make as few exceptions to this rule as possible.

Anything that admits of choice may be passed, and passed at the left of the person except in the serving of the coffee. Place anything that does not permit of choice. When placing or passing things keep away from the water glass.

Remove from the same side from which you serve. The order for removal is,—food in large dishes, plates at covers, then, before the dessert, remove any clean silver which is not necessary; salt, pepper and all the extras. Brush the table before the dessert is brought in.

Mr. O. W. Dynes, '07, received a letter recently from Thomas Manns, B. S. '01, M. S. '03, one of the A. C. alumni and at present assistant botanist at the Ohio Experiment Station, stating that he is unable to be at the alumni reunion in person, but sends his regards to all old friends.

AMENDMENTS PASSED.

A meeting of the local Oratorical Association was called at noon last Wednesday by Pres. Olson for a consideration of proposed amendments to the constitution of North Dakota Inter-Collegiate League of Oratory. The following amendments were presented by our state representatives, Rex E. Willard:

Art. V. Sec. I.—Each collegiate association shall be entitled to one contestant with an alternate to be chosen in such a way as that association shall determine.

Art. VI. Sec. II.—Four typewritten or printed copies of each oration winning first and second places shall be sent to the secretary not later than three weeks before the state contest. One copy of each oration winning first place shall be forwarded to the judges. When notified by the president of any local association the oration of the alternate will be forwarded by the secretary. The judges shall read the orations to aid them in giving their decision at the final contest. The judges in marking shall be governed by Sec. I. Art. VI. The judges shall not file any decision until after the final contest. Orations must be returned three days before the contest.

Art. VII. Sec. II.—The design of the medal adopted in 1908 shall be made the permanent design of the medal given the winning orator in the future contests of the league.

The amendments were considered favorably by the association and if passed by the State University, Fargo College and the State Science School, will become part of the Inter-Collegiate constitution.

The association also voted favorably upon the permanent design chosen by the state board for the medal awarded annually to the winner of first place in the state contest. The design, as chosen, is unique and emblematical of the state.

Mr. Willard also presented a plan for the publication of all the winning orations in the inter-state contests. This project will be undertaken by the Western League of Oratory but it is first necessary to get the consent of the association of each institution concerned to get financial backing. The assembly favored the plan and assumed the responsibility of disposing of fifteen volumes of the same when published.

As Mr. Willard will not be here next year it was necessary at this time to elect a representative for the A. C. in the inter-collegiate league. Mr. W. O. Whitcomb was nominated and unanimously elected.

SEVENTH ANNUAL SALE.

The North Dakota Live Stock Association held its seventh annual sale of Shorthorns on June 3. The sale was not quite as successful as some sales of former years owing to the limited number of buyers present, in spite of the fact that everything possible was done to advertise and make this sale widely known. The difficulty of disposing satisfactorily of the 50 head at the sale is hardly explainable as there seems to be a considerable demand for breeding stock this spring as evidenced by the large number of inquiries received by Prof. Richards.

N. D. LIVE STOCK ASSOCIATION REPORT.

Prof. Richards as secretary of the North Dakota Live Stock Association has the first annual report of the association ready for the printer. The report will contain all the papers delivered before the annual meetings of the association held during the past years, and will be well illustrated with half tones of a large number of the live-stock bred by North Dakota breeders.

The object of this report is to show what is being done in producing good live stock in this state. The appropriation received from the last legislature provides for this publication, and it will be printed annually hereafter.

Alumni Here

Seventh Annual Banquet and Reunion Occurs Tonight.

The seventh annual banquet and reunion of the Agricultural College Alumni will occur this evening in Francis Hall, when the present Senior class will be recognized as member of the association. A large number of the alumni are in town or have expressed their intention of being present and about one hundred guests are expected.

At half past six this evening a sumptuous banquet of eight courses will be served in the dining room of Francis Hall which will be artistically decorated for the occasion. The menu is to be as follows:

California Grape Fruit.

Radishes. Young Onions.
Milk Fed Spring Chicken.
Celery Dressing.

Orange Ade.

Fried Peas in Cases.
Fillets of Beef. Mushroom Sauce.
Potatoes au Gratin.
Parker House Rolls.

Apple Salad.
Mayonnaise Dressing.

Brick Ice Cream.
Crushed Strawberries.
Assorted Cake.

Salted Peanuts. Bent Crackers.
Coffee.

The dainty little souvenir programs are printed in the form of booklets, tied with yellow and green ribbon, and contain, besides the program of the evening, the menu, and on the fly leaf the verses of the Alma Mater.

Mr. Arthur W. Fowler, '01, will act as toastmaster and the toasts of the evening will be responded to as follows:

"The Round Dozen", by Miss Edith Fowler, '04.

"The Realization", by Miss Genevieve Holkesvig, '08.

"The Prodigals' Return," by Adolph Mikkelson, '05.

"The Relation of the A. C. Graduate to the State's Natural Resources," by President J. H. Worst.

Immediately following the banquet, the annual business meeting of the Alumni Association will be held, at which time officers will be elected for the coming year.

From Francis Hall the party will adjourn to the Armory where the remainder of the evening will be spent in dancing. Dr. Putnam's orchestra will furnish the music.

Besides those whose names appear on the program the following Alumni have expressed their intentions of attending the reunion: James McGuigan, '04; Mrs. Mabel Leininger McGuigan, '03; Mrs. Mary Darrow Weible, '04; John A. Swenson, '06; Robt. M. Dolvie, '05; William R. Porter, '06; C. B. Chacey, '01; Edward Stewart, '01; Elmer May, '05; Emily E. May, '06; O. W. Dynes, '07; C. I. Gunness, '07; Fred Olson, '00.

WHAT THEY THINK OF US "BACK EAST."

A casual turning of the leaves would indicate a steady growth in the College. It is strange, almost unparalleled that a College with one thousand students, pleasant surroundings, complete in every particular, should have matured in so short a time.

I judge from your curriculum that there is probably no place in the country where an education best fitting students for their life work, such as is required in your state, could be obtained. The Agricultural Colleges are to be the important ones in the near future. Yale, Harvard, Princeton and others have their place but do not fit students as well for agricultural work as does yours.

Again thanking you, and with best wishes for your continued success, I am

Very truly yours,
O. M. Baker.

COLLEGE ATHLETICS.

By Arthur P. Murphy, '09.

What place should athletics have in college? What is the value of athletic training to the average student? Is it necessary to connect and combine physical with mental training in order to get the best finished product?

These are the questions often asked by the pessimist who tries to publicly condemn college athletics. Many are the arguments brought up from time to time by a few persons who are looking upon existing conditions only with a view to finding fault. It needs not be, however, taken for granted that the questions should not be honestly asked and discussed, for only by a thorough discussion and the expending of thought and time can a person convince himself that athletics have an important place in any public institution of the nature of an Agricultural College.

Few prominent educators of today are opposed to college athletics. On the other hand many of our greatest national minds speak laudably of good clean college sports. Scores of our most illustrious statesmen owe to the physical training received while in college the good health which they now enjoy.

It would be folly to say that athletics should occupy a first place in college life. With the very best of athletic development alone a person would make but little progress in the industrial life of today, while with good mental training and only small athletic ability a person can get along very well. But where we find a combination of these two most important phases of college training, we get our most successful merchants, our most influential ministers, and our greatest statesmen.

The student that attends college solely for the athletic advantages to be derived will in any case be tolerated but a short time in any truly American institution of learning. But on the other hand, the student who goes to college primarily for study, and uses athletic training as a means to aid him in obtaining the end in view, will, in almost every case come out victorious.

The proper use of college athletics is a very hard matter to define. A great deal depends upon the individual. As in everything else, it requires judgment and sound experience to lay out a course of study and include the proper amount of athletic training to aid the body in maintaining its highest degree of endurance and energy.

The sole aim in placing athletics in our colleges should be strictly for the benefit of the student and not for that of the "would-be" student. College athletics are as easily corrupted as any other phase of college activities. Professionalism and other kinds of unsportsmanlike methods are resorted to too often when there is no particular advantage to be gained. These are the greatest enemies of our college athletics. It is due to such unfair means as these that the real student is compelled to stand on the sidelines and watch his specialized friend gain all the glory and benefit of the expensive athletic training in which he himself should share.

It is the struggle on the athletic field, with man facing man, each equally courageous and determined, that brings out the true qualities of a good student, a real sportsman, and a true gentleman. College athletics developed in the most desirable form present an opportunity for the student to show his physical ability, his self control, and his standard of morals. Then how can we afford to allow our college athletics to decline. It will not be sufficient for us to keep them at a standstill. We possess one of the most intelligent student bodies in the country and the only economic solution for our college athletic problem is that we develop them higher, and more firmly than before. In its broader meaning we should consider athletics one of the most important phases of college life.

Inter-Society

Banquet

Annual Love Feast of the Two Literary Societies Occurred Saturday Evening.

Saturday evening Francis Hall was the scene of the twelfth annual inter-society banquet of the Athenians and Philomathians. The hall was prettily decorated in the Athenian green and white and the crimson and white of the Philomathians. This color scheme was carried out through the whole banquet. Candles with crimson shades and our campus snow-balls with their green foliage graced the tables. The menu which appears below was also in appropriate colors. About sixty guests sat down in the familiar hall to the delicious banquet prepared by the society girls under the direction of Miss Childs. The menu was as follows:

Fruit Cocktail.
Olives. Salted Nuts. Pickles.
Pressed Chicken.
Potatoes with Parsley Sauce.
Corn Souffle.
Tomato Salad. Wafers.
Ice Cream, Cake.
Coffee.

After the guests had done due credit to the banquet, the toastmaster, Edwal Moore, called for order and with a few humorous preliminary remarks introduced Mr. Ray Babcock, '08, on the subject "The Faculty Versus The Literary Societies." Mr. Babcock's remarks were largely of the "Reminds-me-of-a-story" variety and left it to his listeners to draw the moral from his remarks by inference. His remarks were interspersed with his usual humor and were highly entertaining.

Miss Agnes Halland responded to the toast, "Society Rivalry" and took occasion to flay the Athenians by means of a few pointed reminiscences.

For the Alumni Mr. Oliver Dynes, '07, responded to the toast "Afterward." After a few preliminary remarks he dwelt upon the influence of the Alma Mater upon the graduate in his afterlife, and why that annually at commencement time the alumnus returns either in body or in spirit to the arms of his adopted parent. "Work and Enjoyment" was the subject of an excellent toast by Miss Matilda Thompson. Both are necessary. Without the latter we have drudgery or mere hollowness. With the student the difficulty is in keeping the proper balance; in devoting the necessary time to work, and in choosing the hours and form of the enjoyment.

Mr. Miller in his toast which followed, presented a plea for hearty College politics, on the assumption that the training to be gained would fit the students to better fill their places as citizens.

Professor H. L. Bolley was called upon to toast the societies from the faculty's view point. The Professor said that as the faculty seldom were unanimous he would have some difficulty in representing their views. As for himself, he said he was accustomed to view everything as either a plant or an animal, and his treatment for the students and their faults would probably be by spraying, disinfection or some similar mode of procedure.

This ended the program and the guests, after a short social session made their way home.

"My soul is a lighthouse keeper" wrote Ella Wheeler Wilcox in a poem, and she was astonished to read the printer's version when it came out in a periodical—"My soul is a light house-keeper."

"Go forth under the open sky, and list to Nature's teachings." Let this be a message to all on these glorious summer days. The book of nature is marvelously entertaining and infallibly true. Under nature's teaching renew health, strength, cheerfulness and nerve force for future efforts and usefulness.

John E. Paul,
Supreme President.
A. H. Corey,
Supreme Secretary.

C. B. Paul, M. D.,
Medical Director.
H. D. Copeland,
Supreme Treasurer.

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COST OF MEMBERSHIP.

Local and Supreme medical examination fees,; certificate fee, \$1.00; one assessment according to age and 20 cents local dues thereafter each month, assessment and dues (later not less than 20 cents).

A \$2,000 certificate is immediately worth (less surplus benefit deduction on expectancy of life basis as follows):

1st Cash at death	\$2,000.00
2d Total permanent disability	1,000.00
3d Loss of both eyes by accident	1,000.00
4th Loss of hand at or above the wrist . . .	500.00
5th For loss of foot . .	500.00
6th For loss of eye by cataract	200.00
7th For loss of hand between second joint of fingers and wrist .	200.00
8th For broken arm . .	200.00
9th For broken leg . . .	200.00
10th For dislocation of elbow	100.00
11th For dislocation of hip	100.00
12th For dislocation of knee	100.00
13th For dislocation of wrist	100.00
14 For dislocation of ankle	100.00
15th Old age disability at expectancy not under 70 for nine years, per year	200.00
Balance at death	200.00

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AMERICAN THRESHERMAN.

1908--09

COLLEGE CALENDAR.

Below appears a copy of the official calendar for 1908--09. Clip it out and paste it up in your room where you will be able to find it any time you may want it.

1908.
Sept. 14, Monday — Registration begins.
Sept. 16, Wednesday — Fall Term begins.
Sept. 17, Thursday — Fee for late registration begins.
Oct. 12, Monday — Farm Husbandry Course begins.
Nov. 25, Wednesday afternoon to Nov. 30, Monday — Thanksgiving recess.
Dec. 22, Tuesday — Fall Terms ends.

1909.
Jan. 4, Monday — Registration for Winter Terms and sceedules "A" and "B" begins.
Jan. 5, Tuesday — Winter Term and Scedules "A" and "B" begin.
Jan. 6, Wednesday — Fee for late registration begins.
Jan. 28, Thursday — Day of Prayer for Colleges.
Feb. 5, Friday — Annual Declamation Contest.
Feb. 12, Friday — Lincoln's Birthday.
Feb. 22, Monday — Washington's Birthday.
Feb. 26, Friday — Annual Ora-

torical Contest.
March 24, Wednesday — Graduation Exercises in Farm Husbandry Course.
March 25, Thursday — Winter Term ends. Farm Husbandry and Winter Short Courses ends.
March 29, Monday — Spring Term Begins.
March 31, Wednesday — Fee for late registration begins.
April 9, Friday — Senior Preparatory Class Program.
April 23, Friday — Debate for Stockwell Prize.
May 14, Friday — Freshman Class Program.
May 22, Saturday — Sophomore Class Program.
May 28, Friday — Junior Class Program.
June 4, Friday — Annual Concert
June 5, Saturday — Literary Society Banquet.
June 6, Sunday — Baccalaureate Address.
June 7, Monday — Senior Class Program.
June 8, Tuesday — Commencement.
June 8, Tuesday — Alumini Banquet and Reunion.

PRES. WORST HONORED.

The thirty-third degree of the Masonic Order was conferred upon President Worst at the Masonic Temple last Thursday morning. The thirty-third degree is not often granted to Americans which makes greater honor that our President has received.

BIG ADD FOR A. C.

Many States Represented in Summer School of Traction Engineering.

The Summer School of Traction Engineering is now in session. Students began to arrive a week ago and during the last three days have come in on every train. Saturday evening there were students enrolled from sixteen states including Texas, Oklahoma, Missouri, Kansas, Nebraska, Ohio, Indiana, Michigan, Washington, and in addition one student from Alberta, Canada.

This shows the extent to which the A. C. has been advertised and the degree to which the impressions received of our College will be spread throughout the land. These young men, for the most part prominent farmers in the communities from which they come, represent the type of progressive citizen for whose help and instruction the agricultural colleges were founded and their support and influence molds the future of these institutions. The buildings and equipment and the excellent condition of the grounds here have made a pleasing impression which, added to four weeks instruction by the most able instructors and lecturers, will no doubt act as a powerful stimulant to the desire for a higher education.

In order to facilitate identification during their short stay here, the students are tagged and numbered as soon as they register, each one being given a button on which appears a number. The buttons are worn in the coat lapel, and their possessors seem to be proud of these decorations to their attire.



Prof. P. S. Rose.

In Charge of the Summer School of Traction Engineering.

Besides Prof. P. S. Rose under whose supervision the school is being conducted the instructors will be Mr. J. B. Parker of the American Thresherman, Madison, Wisconsin, who will teach business methods; Mr. C. I. Gunness, instructor in steam engineering at the College, who will assist Prof. Rose as a lecturer; and Mr. M. B. Erickson, who will have charge of the field practice.

During the final week a commencement program will be given and Mr. B. B. Clark, known as "Uncle Silas" of the American Thresherman, has promised to be present. At the end of the term a lining up contest will take place and prizes will be awarded to the most skillful. These prizes aggregate in value over \$100 and are donated by manufacturers.

A large factor in the success of this school lies in securing the cooperation of the various manufacturing concerns and machine houses who furnish the exhibits and the equipment. The following donations have been received by the School of Traction Engineering and the Agricultural College, viz.: seven horse power portable gas engine from the Charles A. Stickney Company of St. Paul; an oil pump from Crane and Ordway; a tank pump from the Barnes Manufacturing Company; a tank pump from Mast, Foos & Co.; a 150 foot main drive belt from the Peerless Belting Co.; and an oil pump from the Madison Kipp Lubricator Co.; other donations of interest to engineering students are on the road

including an exhibit of brass goods from the Luckenheimer Co.

More important however, are the engines furnished for the field practice by the following companies: J. I. Case Threshing Machine Company; Reeves and Company; Huber Manufacturing Company; Colean Manufacturing Company; Wood Bros.; and Hart, Parr Company. These machines are now on the ground and will be in daily use in the field manouvers carried on in the afternoon work under Mr. Erickson.

If the conditions continue as favorable as at present there is no doubt but what the school will prove a great success and the students in attendance will go home with several things to think about.

FLAG POLE UNSAFE.

Engineers Have Some Convincing Figures.

One of the recent problems assigned to the class in mechanics of materials, under Prof. Rose, was the investigation of the new steel flag pole as to its safety. The class figured on this for a whole day and when it came up for discussion in the class-room last Tuesday morning every student in the class had sworn off climbing the flag pole forever.

The investigation was made under the conservative assumption that the length of the top section is eighteen feet, the size of the pipe two and one half inches, the weight of a man one hundred and fifty pounds, that his center of gravity falls six inches from the center of the pipe, that the deflection of the top of the pole is one foot each side of the center, and that the wind pressure is ten pounds per square foot which is equivalent to only a mild breeze.

It was ascertained that the stress due to the wind was about twenty-one thousand pounds per square inch and that due to the deflection of the pole about five thousand pounds, making a total of about twenty-six thousand pounds per square inch for the maximum stress. The elastic limit of the metal is reached at thirty thousand pounds so that the margin is so narrow as to condemn the pole immediately as a piece of athletic apparatus.

It must also be remembered that the pole is yet new and has not had much chance to rust at the joints. The chances are that by next year pole climbing will not be a safe pastime even for a hundred pound Prep. In fact anyone who now climbs the pole is taking a greater risk than an insurance company would accept, and the practice should be looked upon as dangerous to the life and limb of the climber.

AT THE GRAND.

"The Good ship Nancy Lee" will be put on at the Grand in full form with one of the strongest and most up to date teams that has ever starred on the vaudeville stage. As the stowaway, Charles Gilroy makes everyone laugh at his sayings and facial humor. Katie Montgomery has a voice that soothes with its fine modulations, and Maurice Hayes has a very rich voice. Gilroy, Montgomery and Hayes are no strangers to our theatre goers, as they have been in our city several times with one night stands.

Riding the unicycle on a slac wire is one of the pastimes indulged in by Edith and Frank Raymond. This is an act of merit and Miss Raymond is the only lady that is today riding the unicycle on a slac wire.

Talk about your talk abouts, Don and Thompson promise to make good in their talking act and will more than make good in their own original songs.

The Harmonious Three have a novelty of their own and is one that will not be forgotten in time to come. They are a singing team and introduce enough comedy to make every one forget their troubles and are, as their name implies, harmonious.

The new cameragraph pictures will be the very latest and will

go to make a feature act. Prof. Rudd's Union Orchestra has new and up to date music and Elbie Hancen will have a beautifully illustrated song.

This will make one of the strongest musical and comedy bills that has ever been played at the Grand.

MARBLES TOO STRENUOUS.

The proposed marble shooting contest between the Seniors and the Juniors did not materialize on Friday for some unknown reason. The Seniors did not show up, either because they could not produce the marbles or that they considered the state of the weather too unsettled for any such childish contest.



Y. M. C. A. HANDBOOK.

It is customary in most of the colleges of the country for the Y. M. C. A. to issue a vest pocket handbook of information for the benefit of the new students. Several years ago our Y. M. C. A. issued its first handbook, but since that time there has been no attempt made to get one out until this year when the project has again been agitated.

The object of the book is to present to the prospective student, in concise form, such information as will make his initial college days easier and aid him in starting aright. To do this it will attempt to present brief but comprehensive view of the College, its surroundings, its facilities, program, and especially the students life; what is expected of him and what is not.

As the book is planned it will contain about sixty pages including illustrations, advertisements and memoranda and will be of vest-pocket size. The book will probably be ready for free distribution about the middle of August.

Mr. Levi Thomas has charge of compiling and collecting the contents of the book and will make it his particular business during the summer.

AT TEACHER'S INSTITUTE.

Prof. Weeks spent last Thursday in Cando where he delivered an address before the teacher's institute. His address was an appeal for a change in our system of taxation that would remove the burden of the cost of improvements from the local community, and throw it upon state or national funds. He believes that this is one of the requisites of rapid improvement in common school education.

The professor also called attention to the way in which teachers can get hold of free material for the teaching of elementary agriculture by writing to the experiment stations, the department of agriculture, and the bureau of teaching.

The principal of the school at Cando is very anxious to initiate a course in agriculture in the high school of that city.

NEW EQUIPMENT FOR ENGINEERS.

A seven horse power Stickney portable gas engine and two tank pumps have been added to the equipment of the engineering department recently.

A BUSY SUMMER.

Prof. Arvold has a busy summer laid out before him. On the sixteenth and seventeenth of June, he will attend the National Republican Convention at Chicago. During the summer months following this he will speak at the various Chautauquas of Michigan, Iowa, Illinois, and Minnesota. We expect him back next fall with refreshed spirits to improve our young orators with forensic inspiration.

TO ROUGH IT.

In harmony with his past doctrine Prof. Minard will attempt to get a taste of primitive life on the plains this vacation. He is planning to start Friday for western

professor of toxicology and chemistry.

DAKOTA FARMER PICTURE.

The Animal Husbandry Division received last week a picture of the white shorthorn prize bull, Nonpareil Star, bred by S. Fletcher of Matteson, N. D., the first full bred bull bred in North Dakota that received first prize at the International Stock Show in Chicago. The picture, which is on exhibition at Francis Hall, is a large, handsomely framed print donated to the College by the Dakota Farmer of Aberdeen, South Dakota, through their livestock editor, Mr. Storgaard in appreciation of the work done by the College in Animal Husbandry.

SURVEY PARTY LEFT.

Messrs. Whitcomb, Oleson, Ruzicka, Worst, Berg and Critchfield left the College yesterday for the lower Yellowstone where they will spend the summer appraising the lands of the Northern Pacific Railroad Company in that region. They will join Mr. Hughes, who has charge of the party, in Montana. The party is looking forward to a strenuous time in the wild and woolly west this summer, and each member has armed himself with a six-shooter and an accident policy. Just whether the west will come up to their expectations or not we cannot say but we will expect to see them all back with us, hail and hearty next fall.

EXPERT PAINTER.

Prof. Ladd is daily expecting an expert painter from New York to look after the special paint experiments to be made with white lead at the College this summer. Preparatory to this a large new paint fence is being constructed alongside the other one near the creamery. It is proposed to test not only the pure white leads, but also the various combinations of lead and zinc oxides in conjunction with the paints prepared from special formulas by the Paint Manufacturers' Association.

FAKES.

There has recently been under examination in the food laboratory a large number of the soft drinks, which have for the first time been introduced into the state this season. It has been found that these are not only deceptive in regard to name and composition, being sold as carbonated fruit beverages, which they are not, but also contain chemical which are distinctly harmful. Prof. Ladd states that unless these products are withdrawn from the state the parties selling them will be prosecuted by the food department. This should serve as a warning not only to dealers but to all those who indulge in the so-called "temperance drinks."

STATE PHARMACY EXAMS.

The regular meeting of the state pharmacy board will occur at the College on the sixteenth of June, at which time will also be held the examinations for assistants and registered pharmacists. Indications are that there will be a large crowd of applicants at that time. Many old A. C. students will be among the number.

IDENTIFICATION OF WEED SEEDS.

Prof. Seaver has been working for some time on a key for the identification of weed seeds. This key will be used in connection with the work in Agricultural Botany. The key is not complete as yet but the professor hopes to have it completed before the opening of the next school year.

Are You a Reader of **GAS REVIEW**, a Monthly Publication for those using gas or gasoline engines. If you are thinking of buying a gasoline engine you need this magazine, **subscription price only 50 cents a year.** Write for sample copy, which is free. **Money refunded if not satisfied** after you have read it a year, address, **GAS REVIEW, Madison, Wisconsin.**

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entitled to their position. It is only after taking into consideration the untiring efforts and zeal with which the girls showed their enthusiasm for the interests of the College that we can fully appreciate the real worth of their work.

The spring term saw another great advance in the athletic development of the College—a change very marked and thought of only a few weeks before the term opened. The regular baseball team idea was dropped on account of a desire on the part of the board of control to again launch into track work. Years have passed since our last track events took place. But the fact that it would be to the best interests of the students in the near future to have a thoroughly up-to-date track and athletic field established became apparent. The idea was not to attempt to produce a winning team this year, but in the course of a year or two we hope to develop a track team that will be in accord with all our other forms of sport. The showing that those who took part in track work made was by no means poor. When we consider the circumstances that our spring athletics had to labor under this year, we may well be surprised at what really was accomplished.

In fact the past year has proved to be one of the most successful athletic periods in the history of the institution. We have had many trials and difficulties but they were met squarely and overcome. Now we find ourselves stronger, wiser and better fitted in every respect to make the coming year even more profitable than any of the past.

OUR FUTURE ATHELETICS.

The past history of our College athletics has been a great aid in finding a solution for the athletic problems of the future. The aim in maintaining college athletics at our institution in the future will be to bring about the most desirable conditions possible. No victories will be sacrificed if pure, clean athletics can accomplish the end, but on the other hand, the chief aim will be physical training for as many students as possible whether victory or defeat be the result on the field.

Our athletics for next year will be of as general a nature as it is possible to make them. There is to be a strong football sentiment during the fall term. Basketball will, no doubt, be the principle feature of winter athletics. Baseball and track work will be the main effort of the spring training. However, it is not to be inferred that the above mentioned sports will be the only ones to be indulged in during the coming year. The chief aim is general athletics and this includes not only football, basketball and baseball but also all kinds of indoor and gymnasium work such as handball, indoor baseball, indoor track work, etc. The open air athletics will include everything that the circumstances render profitable from a student and faculty view.

With our new gymnasium, new track facilities, and many other valuable improvements that have been added recently, we find ourselves in a very promising condition to develop one of the finest systems of college athletics of any school in this part of the country.

A high standard of amateurism is one of the most desirable conditions that can exist at any institution of higher learning. The idea of pure amateur athletics is the only one to be tolerated by the A. C. in the future. The aim and purpose of our faculty and students to establish a high standard in amateur athletics is well founded, and in the future every means will be used to encourage and develop this spirit among the students and the public.

Amateurism and general athletics for A. C. is the slogan of faculty and students alike. This idea will be most loyally upheld by the whole student body during the coming year.

SPORTING

AN ATHLETIC REVIEW.

As we think of the achievements of the past year, in regard to our athletics, we cannot help but be reminded of many things that but one year ago were entirely unthought of. Our football team proved to be the first great object of attention. It is truly and justly said by many veterans of the game that we certainly had a most wonderful team, one second only to the best in the whole country. Our football record was all victories and we were scored on but once and then by a mishap. The team of the previous year was very good and strong, but the team of last year easily eclipsed any football squad that ever played on a Dakota grid-iron.

The opening of the winter term found a great change in our athletics. Basketball became the most popular pastime among the students. A number of classes and departments organized teams and played some interesting games.

The first team was composed of students who had not had very much previous training along this line. They were young and a great deal smaller than many of the opposing teams. Never once did this team give up a match or become discouraged for a moment, no matter how great were the odds against them. Captain Darrow and his basket ball team commanded the most courteous respect wherever their trips took them. The true athletic spirit of these boys never failed them.

To say that our girls team was a great credit to the individuals who composed it would be putting it mildly. The student body and faculty may be ever proud of such representatives as the girls who played those clean, hard fought contests for our credit.

The work of our girls in athletic during the past year clearly demonstrates that they are well

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'08 Renders Last Program

Class Day Was Fittingly Observed and the Seniors Delighted a Large Audience.

THE JUNIORS RECEIVED THE HATCHET

In the presence of a large audience of faculty and students and friends of the class, the Seniors, on Monday afternoon rendered the last program of their College career. The music for the occasion was furnished by the Cadet Band and the program opened with a farewell speech by Mr. Charles H. Clark, President of the class. "The state and the nation we owe a debt of gratitude," said the speaker. "And I wish to express, in behalf of the Class of 1908, the sincere gratitude which its members feel toward the faculty, the College, and toward the citizens of the state who by their labor have made such institutions as this one possible. While today we are still a part of the college, tomorrow, as we hear the door click for the last time behind us and bend our way down the old brick walk, we shall be a part of it no more. Four or five long years our Alma Mater has fondled us, but now we go; some one way, some another; some to the industries, some to the arts, and some to teach others, we shall never forget that our power is not our own but that of the people of the country, which has furnished the opportunity for our education. This afternoon we extend to all a sorrowful, hopeful, fond farewell."

The history of the class was given by Miss Genevieve Holkesvig, who with the assistance of a number of cartoons of the different members of the class, delighted her audience with many humorous references to the events of the past.

After a musical selection by the College Choir, Mr. Rex E. Willard presented the hatchet to Mr. John Magill, representative of the Junior Class. Mr. Willard spoke of the old tradition and how it had been cherished by class after class until it had come to have an influence on the class which held it as an emblem which cannot be calculated. Mr. Magill knelt and after being dubbed "Knight of the Hatchet" received the emblem into his hand. He made a short reply to Mr. Willard's speech in which he promised, on behalf of the class of 1909, to honor and uphold the traditions of the class and with the help of his classmates and the hatchet for a weapon "To cut as wide a swath" as the Senior class.

Messrs. F. Ray Babcock and Carl Myhre rendered a most pleasing violin duet, after which Mr. C. John Thysell delivered the class poem. This was a distinctly original attempt and abounded in local color. Several humorous references were made to different members of the class.

Mr. Wilfred P. Heath delivered an oration which was an exceptionally good example of the forensic art and showed much thought and study on the part of the orator. Although short the oration was of great merit and the orator showed surprising ability in his delivery.

Mr. George P. Grout's vocal solo "The Land of Nod," with violin obligato by Ray Babcock was very much appreciated. The manner in which Miss Elizabeth Rice chose to present the class prophecy was novel and highly entertaining. She was supposed to be receiving telegrams from different members of the class in the year 1918 and some of the revelations were, to say the least, rather astounding. Here as elsewhere throughout the program, the atmosphere of the College life was distinctly evident.

"The Class Will" delivered by Miss Ruby Hicks was a cleverly arranged last will and testament leaving to the members of the Senior class and to other classes many things of inestimable value, from a humorous standpoint. The classes and individuals benefited will no doubt profit much from the legacies left to them.

The exercises closed with another selection by the Cadet Band.

COMMENCEMENT CONCERT

Excellent Program Was Rendered As The Initial Event Of Commencement Week.

A pleasing beginning of the college commencement festivities was the commencement concert given under the direction of Dr. Putnam by the department of Music, assisted by Mrs. E. H. Wright and Mrs. C. H. Anheier as accompanists, in the College chapel last Friday evening. The concert was well attended and from the comments of the audience as they passed out, the event was a pleasing success.

The program opened with a piano duo overture to "Norma"



Dr. C. S. Putnam.
Director of Music.

by Misses Ruth Hull and Jessie Peterson, two of Miss Grasse's piano pupils. Their rendition showed much painstaking work on the part of both pupils and teacher. The young ladies have a bright future, both being gifted musically above the average. Miss Grasse sang two numbers, "The Danza" by Chadwick and "The Magic Song" by Meyer-Helmund the latter with violin obligato by Mr. Froyssaa. Although evidently suffering from hoarseness, Miss Grasse greatly pleased her audience and was enthusiastically recalled after each number. Mr. Froyssaa, who is in charge of the violin department, played three violin numbers, which for delicate technique, artistic phrasing and breadth of tone exceeded all his former efforts in the city. He was heard under ideal conditions and roused his audience to a high pitch of enthusiasm, being recalled after each number in a manner to warm the heart of any musician. Dr. Putnam played for a cornet solo his own arrangement of the familiar "Tramp, Tramp, Tramp, the Boys Are Marching." He was in fine form and for the hearty encore accorded him res-

sponded with a dainty popular ballad. Another number was the first public appearance of a young cornet pupil, M. C. Adams of Crary. Dr. Putnam playing the second part to a pleasing duet, "La Belle Creole," by Dalbey. Mr. Adams is a gifted young man and will make his mark as a cornetist. Barring a slight nervousness natural to a first appearance, his playing was decidedly acceptable. His tone is pure, his execution clean and his phrasing musical. He will be heard from later, as he returns early next year. A large share of the success of the concert is due to Mrs. Wright and Mrs. Anheier as accompanists. They carried their difficult parts to the great satisfaction of both performers and audience. The concert established this feature of commencement week and will be looked forward to with renewed interest each year.

FACULTY RECEIVE STUDENTS IN HONOR OF SENIORS.

The faculty were at home to the students at Fenwick Hall Monday evening. The long awaited faculty reception has been given at last. The Seniors were the guests of honor and with the rest of the students present were royally entertained. Following the general mixing at the opening of the reception some time was spent in singing old familiar college songs including our Alma Mater, which rang the loudest of them all.

As diversion from this the faculty and more staid of the guests indulged in dancing the Virginia Reel. Light refreshments were served by the faculty ladies after which the lighter forms of dancing and merry making were indulged in by the students.

The occasion was voted a success by all, as the best of good times was had.

ENGINEERS ELECT.

A meeting of the Lyceum of Engineers was called Wednesday for the annual election of officers and the routine of business.

The following officers were elected: Victor C. Parker '09, president; John Magill '09, vice president; Leo Thien '11, secretary and treasurer. The engineers have shown good judgment in their selection and we shall expect a prosperous year for the Lyceum during '08 and '09.

DANIEL HERE.

Daniel Glomset formerly of '08 surprised his many friends at the College by appearing at our commencement activities the first of the week. Mr. Glomset has been sojourning in California but is now returning to Wisconsin and will later continue his medical course at the University of Chicago. "We were all glad to have Daniel with us once more."

Leo Thien has been given a certificate of completion of the two year course in steam engineering. He expects to continue his work toward the bachelors degree next year.

Adolph Mikkleson '05 arrived in time for the commencement exercises and the Alumni banquet.

Katie Jensen '04 was among the unexpected but welcome commencement visitors.

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Pres. Worst and Prof. Waldron will go to Bathgate on Friday and Saturday where the former will

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talked with green house people for the purposes of gathering ideas in regard to equipment which may be put to use in the green houses which are at present being erected here. He also procured some plants for summer bedding, some of which will be grown in front of the green houses and some in the field during the summer and transplanted in the fall.

WALDRON IN ST. PAUL.

Prof. Waldron spent last Friday and Saturday in St. Paul, interviewing the N. P. R. R. Co.'s officials in regard to tree planting along their lines throughout the state. While there he looked

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"What's the matter with Tom?"
"Delirium Tremens."

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FLOCK DIPPED. The College sheep received their annual dip last Tuesday with the assistance of some of the students in animal husbandry. The dipping vat is a newly constructed permanent affair, and is especially arranged for convenience in carrying on the work.

BOWING TO THE GREAT. Pastime of One Who Knows They Don't Remember Everything. "I have a friend," he said, "who has one queer habit. This habit has its strongest influence on special days when he covers what he calls the cocktail route. By that he means starting down on Fifth avenue about Twenty-third street and working by easy 'drink stages' up to about Fifty-ninth street. "He walks along the avenue in contemplation until he sees some particularly proud person seated in a motor car or a carriage coming toward him. Then he simply stares until he gets the person's eye and then bows. You know how people are. Even if that man who is riding in cocksure he doesn't know the person on the sidewalk he'll bow instinctively. If he isn't absolutely sure he'll bow for fear of hurting the feelings of some one whose face and name have escaped him, as he thinks, for a moment. "Even the women are likely to fall for it, too. They aren't as likely to as the men, because they're surer of themselves and their acquaintances. My friend is especially pleased when he gets some proud old boy napping and the fellow returns his salute and then realizing he's stung. "By the time he strikes the Fifty-ninth street plaza my friend's likely to be bowing to drivers and cabmen."

DUTCH CRUISER ALL IN WHITE. Guns Were Painted This Color—Brilliant Walls in Officers' Quarters. The first Dutch man-o-war which has ever visited New Orleans dropped anchor Sunday afternoon just off the head of Canal street. She is the second-class cruiser Gelderland, and is as spick and span a ship as ever came into port. Painted white from stem to stern, only her masts, two big funnels and the flag-staff give a touch of color. The white effect is carried so far that even the guns are painted this color, and are not visible more than a hundred yards from the ship. The interior of the ship and the officers' quarters are painted white with such a generosity of paint that the very walls look as though they were enameled. The officers were attired in white duck as were the sailors, and, although several score of them were leaning over the rail, they seemed but a part of the hull of the ship until within about fifty yards.

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The patient went away and returned in a week worse than ever. The doctor was perplexed.

Upon inquiries he found that the man had most faithfully carried out all his instructions to the letter. "I know what it is," replied the man of medicine, "you've had more than one cigar a day. It's the smoking that's done it."

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BASSALAUREATE SERVICE.

Sunday at three o'clock in the College chapel occurred the Baccalaureate service. A large crowd, which strained the College chapel to its utmost, gathered to hear the words of advice and inspiration to the Seniors from the noted churchman and orator Rev. J. S. Montgomery of Minneapolis.

The beautiful services were carried out with precision that was exceedingly pleasing. Following the voluntary was the invocation spoken by Dr. Leonard and the choir sang the beautiful anthem "The King of Love My Shepard Is," Miss Grest carrying the solo part in her usual clear and pleasing manner.

Scripture reading and prayer were offered by Rev. Adams and after the responsive service the address was delivered by Rev. Montgomery.

His subject was "John Ruskin, The Voice of a New Age." "The utterance of the life of this man," said the speaker "is life without work is robbery." His faith was in the phrase "be good and God will love you." The world is never without its seer or its witness; and of his time John Ruskin stands as poet, artist, philosopher, and seer. John Ruskin was an idealist. In this age of the practical it is hard to impress one with the ideal, for in the abstract men are infidel though in the concrete the most are ideal.

When Ruskin entered London and viewed for the first time the poor in the squallor, filth and disease of the tenement districts truth sounded through his soul and he said to the world "Something is Wrong." Then he set about to remedy it. He diverted his income to the benefit for the poor. Parks and galleries were the result. He was hailed by the church as a heretic, by the state as a socialist and anarchist. Not discouraged he continued his work. "Change the environment of a man" he said "and you change his life." This he proved by the wonderful change in the Sheffield district in a few short

months after his first visit and the hanging of a few works of art in the homes of the poor. The filth and awful poverty disappeared as if by magic.

In his country retreat, Ruskin was recognized as a great man by the simple people that knew him.

Wherever he was he worked for the uplift of humanity. He was a believer in the doctrine of humanitarianism. Wealth to him was a social fact and though he recognized the fallacies of socialism he believed there was much truth in it. "Detach your lives" he said "to the needs and wants of your fellows."

Following the address the choir sang the anthem "Hark, Hark my Soul." The assembly adjourned with the singing of America and Benediction.

DR. PUTNAM ELECTED.

Dr. Putnam, our professor of Hygiene and Sanitary Science, has just been elected a member of the N. D. advisory committee of the American Health League. This league is endeavoring through national legislation to control and eliminate the pollution of our rivers, the regulation and prevention of our national scourge, Tuberculosis, and to disseminate reliable health information for the people through a national department of public health. This is their important movement for the betterment of the health of our 80,000,000 people. A move extended article on this important subject will appear in a later issue.

PERSONAL

Miss Janette McMurchy, who has been teaching near Harwood, is a guest at the College during Commencement week.

Miss Jessie Thompson of Ayr is visiting her sisters, Misses Mary and Matilda Thompson.

Mr. Hunter Heath of Gardner and Miss Mabel McKay and Miss Ruth Heath of Fargo College attended the Commencement program, Monday.

P. M. Peterson, an old student who is now mail clerk on the Soo, visited the College on Thursday.

Mr. John Swenson, '06, is a College visitor during the Commencement season.

Mr. Albert Thomas will succeed Mr. John Thysell as assistant in Dr. VanEs's laboratory.

Geo. Richardson of last year's football team was the guest of Coach Dobie last week.

Mr. Fay Leavit made a quick trip to the College from Grand Forks last Saturday.

Mr. John S. Stewart, irrigation and drainage engineer of the U. S. Department of Agriculture spent a few days at the College

last week.

Mr. Ross Farnham of Casselton, was a visitor at the College last week.

Mr. Peter Kulaas left for Decorah, Iowa, Monday where he will join the Luther College band, which anticipates an extended tour this summer.

Prof. Remington spent Sunday with friends in Minneapolis.

We were glad to see Dr. VanEs out again last Wednesday. He was unable to miss the exams.

Mr. Sanderson, the miller, has been on the sick list for the past few days.

Mr. Frank Connor, a former member of '09, was a College visitor last Wednesday. He was en route from Minot to St. Paul.

Prof. Thompson left for the Yellowstone on Wednesday. He will assume his new duties in Delaware on July 1.

Mr. Paul Green, a former student, was a College visitor on Friday.

Mr. Hughes left for the Yellowstone country on Friday to make preliminary arrangements for the summer's work for the N. P. Ry.

Miss Mildred Tolles is the guest of Prof. and Mrs. Brown (?) during Commencement week.

Mr. Paul Garret of Fargo College was a pleasant visitor on the campus Friday morning.

Prof. Weeks spent Thursday and Friday of last week at Cando where he addressed an assembly of teachers.

Miss Edith Fowler is spending Commencement week at the College.

Rex E. Willard made a trip to Mitchell, S. D., last week to attend the Thirtieth Annual Inter-State Oratorical Contest. He returned Sunday.

Mr. Stockham is planning to do special analytical work in the chemical laboratory during the coming year.

Troops Fight Fire.

Sturgis, S. D., May 8.—A prairie fire started yesterday near Fort Meade cemetery and the entire garrison was ordered out to fight the flames. It was several hours before the fire was under control and was not until the country around and adjoining the graveyard was burned over.

Packing Plant Damaged.

Eau Claire, Wis., May 8.—The Drummond Packing company plant was damaged by fire. The loss may be \$10,000.

Always Breaking Them In.

"King Edward never wears a pair of shoes more than one time."
"Is that right?"
"So I hear."
"He must be so grouchy that the queen can hardly live with him."

Dodging.

"That fellow is a most remarkable runner."
"Who? Burroughs?"
"Yes. He's always running in debt, and he's forever running away from the people to whom he is in debt."



SPRING AND SUMMER CLOTHING

We are ready to show you the correct clothes for the spring and summer seasons. Every desirable fashion and fabric of the day is on display here. Adler Collegian Suits and Overcoats. All styles and grades are here in plentiful variety.

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Barred and White Rocks, Golden and White Wyandottes.

Our breeding pens contain only large, healthy and well developed birds, and are selected for their heavy egg production as well as their beauty.

We have now practically all of the prizes in the four classes at Southern Minnesota shows during the past season. Eggs \$2.00 per setting of 15 eggs. Two settings \$3.50. Three settings \$5. Only selected even sized eggs shipped. Stock for sale after June first. Satisfaction guaranteed. Reference Truman State bank. Address all correspondence to

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AND YOUNG MEN

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The Perry Picture Company, Box 59 Malden, Mass.

Alumni Here

Seventh Annual Banquet and Reunion Occurs Tonight.

The seventh annual banquet and reunion of the Agricultural College Alumni will occur this evening in Francis Hall, when the present Senior class will be recognized as member of the association. A large number of the alumni are in town or have expressed their intention of being present and about one hundred guests are expected.

At half past six this evening a sumptuous banquet of eight courses will be served in the dining room of Francis Hall which will be artistically decorated for the occasion. The menu is to be as follows:

- California Grape Fruit.
- Radishes. Young Onions.
- Milk Fed Spring Chicken.
- Celery Dressing.
- Orange Ade.
- Fried Peas in Cases.
- Filletts of Beef. Mushroom Sauce.
- Potatoes au Gratin.
- Parker House Rolls.
- Apple Salad.
- Mayonnaise Dressing.
- Brick Ice Cream.
- Crushed Strawberries.
- Assorted Cake.
- Salted Peanuts. Bent Crackers.
- Coffee.

The dainty little souvenir programs are printed in the form of booklets, tied with yellow and green ribbon, and contain, besides the program of the evening, the menu, and on the fly leaf the verses of the Alma Mater.

Mr. Arthur W. Fowler, '01, will act as toastmaster and the toasts of the evening will be responded to as follows:

- "The Round Dozen", by Miss Edith Fowler, '04.
- "The Realization", by Miss Genevieve Holkesvig, '08.
- "The Prodigals' Return," by Adolph Mikkleson, '05.
- "The Relation of the A. C. Graduate to the State's Natural Resources," by President J. H. Worst.

Immediately following the banquet, the annual business meeting of the Alumni Association will be held, at which time officers will be elected for the coming year.

From Francis Hall the party will adjourn to the Armory where the remainder of the evening will be spent in dancing. Dr. Putnam's orchestra will furnish the music.

Besides those whose names appear on the program the following Alumni have expressed their intentions of attending the reunion: James McGuigan, '04; Mrs. Mabel Leininger McGuigan, '03; Mrs. Mary Darrow Weible, '04; John A. Swenson, '06; Robt. M. Dolvie, '05; William R. Porter, '06; C. B. Chacey, '01; Edward Stewart, '01; Elmer May, '05; Emily E. May, '06; O. W. Dynes, '07; C. I. Gunness, '07; Fred Olson, '00.

WHAT THEY THINK OF US "BACK EAST."

A casual turning of the leaves would indicate a steady growth in the College. It is strange, almost unparalleled that a College with one thousand students, pleasant surroundings, complete in every particular, should have matured in so short a time.

I judge from your curriculum that there is probably no place in the country where an education best fitting students for their life work, such as is required in your state, could be obtained. The Agricultural Colleges are to be the important ones in the near future. Yale, Harvard, Princeton and others have their place but do not fit students as well for agricultural work as does yours.

Again thanking you, and with my best wishes for your continued success, I am

Very truly yours,
O. M. Bak

COLLEGE ATHLETICS.

By Arthur P. Murphy, '09.

What place should athletics have in college? What is the value of athletic training to the average student? Is it necessary to connect and combine physical with mental training in order to get the best finished product?

These are the questions often asked by the pessimist who tries to publicly condemn college athletics. Many are the arguments brought up from time to time by a few persons who are looking upon existing conditions only with a view to finding fault. It needs not be, however, taken for granted that the questions should not be honestly asked and discussed, for only by a thorough discussion and the expending of thought and time can a person convince himself that athletics have an important place in any public institution of the nature of an Agricultural College.

Few prominent educators of today are opposed to college athletics. On the other hand many of our greatest national minds speak laudably of good clean college sports. Scores of our most illustrious statesmen owe to the physical training received while in college the good health which they now enjoy.

It would be folly to say that athletics should occupy a first place in college life. With the very best of athletic development alone a person would make but little progress in the industrial life of today, while with good mental training and only small athletic ability a person can get along very well. But where we find a combination of these two most important phases of college training, we get our most successful merchants, our most influential ministers, and our greatest statesmen.

The student that attends college solely for the athletic advantages to be derived will in any case be tolerated but a short time in any truly American institution of learning. But on the other hand, the student who goes to college primarily for study, and uses athletic training as a means to aid him in obtaining the end in view, will, in almost every case come out victorious.

The proper use of college athletics is a very hard matter to define. A great deal depends upon the individual. As in everything else, it requires judgment and sound experience to lay out a course of study and include the proper amount of athletic training to aid the body in maintaining its highest degree of endurance and energy.

The sole aim in placing athletics in our colleges should be strictly for the benefit of the student and not for that of the "would-be" student. College athletics are as easily corrupted as any other phase of college activities. Professionalism and other kinds of unsportsmanlike methods are resorted to too often when there is no particular advantage to be gained. These are the greatest enemies of our college athletics. It is due to such unfair means as these that the real student is compelled to stand on the sidelines and watch his specialized friend gain all the glory and benefit of the expensive athletic training in which he himself should share.

It is the struggle on the athletic field, with man facing man, each equally courageous and determined, that brings out the true qualities of a good student, a real sportsman, and a true gentleman. College athletics developed in the most desirable form present an opportunity for the student to show his physical ability, his self control and his standard of morals. How can we afford to allow college athletics to decline. It is not sufficient for us to stand at a standstill. We are one of the most intelligent bodies in the country and we have an economic solution for the athletic problem. Let us develop them higher, and more fully than before. In its true meaning we should consider athletics one of the most important phases of college life.

Inter-Society

Banquet

Annual Love Feast of the Two Literary Societies Occurred Saturday Evening.

Saturday evening Francis Hall was the scene of the twelfth annual inter-society banquet of the Athenians and Philomathians. The hall was prettily decorated in the Athenian green and white and the crimson and white of the Philomathians. This color scheme was carried out through the whole banquet. Candles with crimson shades and our campus snow-balls with their green foliage graced the tables. The menu which appears below was also in appropriate colors. About sixty guests sat down in the familiar hall to the delicious banquet prepared by the society girls under the direction of Miss Childs. The menu was as follows:

- Fruit Cocktail.
- Olives. Salted Nuts. Pickles.
- Pressed Chicken.
- Potatoes with Parsley Sauce.
- Corn Souffle.
- Tomato Salad. Wafers.
- Ice Cream, Cake.
- Coffee.

After the guests had done due credit to the banquet, the toastmaster, Edwal Moore, called for order and with a few humorous preliminary remarks introduced Mr. Ray Babcock, '08, on the subject "The Faculty Versus The Literary Societies." Mr. Babcock's remarks were largely of the "Reminds-me-of-a-story" variety and left it to his listeners to draw the moral from his remarks by inference. His remarks were interspersed with his usual humor and were highly entertaining.

Miss Agnes Halland responded to the toast, "Society Rivalry" and took occasion to flay the Athenians by means of a few pointed reminiscences.

For the Alumni Mr. Oliver Dynes, '07, responded to the toast "Afterward." After a few preliminary remarks he dwelt upon the influence of the Alma Mater upon the graduate in his afterlife, and why that annually at commencement time the alumnus returns either in body or in spirit to the arms of his adopted parent.

"Work and Enjoyment" was the subject of an excellent toast by Miss Matilda Thompson. Both are necessary. Without the latter we have drudgery or mere hollowness. With the student the difficulty is in keeping the proper balance; in devoting the necessary time to work, and in choosing the hours and form of the enjoyment.

Mr. Miller in his toast which followed, presented a plea for hearty College politics, on the assumption that the training to be gained would fit the students to better fill their places as citizens. Professor H. L. Bolley was called upon to toast the societies from the faculty's view point. The Professor said that as the faculty seldom were unanimous he would have some difficulty in representing their views. As for himself, he said he was accustomed to view everything as either a plant or an animal, and his treatment for the students and their faults would probably be by spraying, disinfection or some similar mode of procedure.

This ended the program and the guests, after a short social session made their way home.

"My soul is a lighthouse keeper" wrote Ella Wheeler Wilcox in a poem, and she was astonished to read the printer's version when it came out in a periodical—"My soul is a light house-keeper." "Go forth under the open sky, and list to Nature's teachings." Let this be a message to all on these glorious summer days. The book of nature is marvelously entertaining and infallibly true. Under nature's teaching renew health, strength, cheerfulness and nerve force for future efforts and usefulness.

John E. Paul, Supreme President. C. B. Paul, M. D., Medical Director.

A. H. Corey, Supreme Secretary. H. D. Copeland, Supreme Treasurer.

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COST OF MEMBERSHIP.

Local and Supreme medical examination fees,; certificate fee, \$1.00; one assessment according to age and 20 cents local dues thereafter each month, assessment and dues (later not less than 20 cents).

A \$2,000 certificate is immediately worth (less surplus benefit deduction on expectancy of life basis as follows):

- 1st Cash at death . . . \$2,000.00
- 2d Total permanent disability 1,000.00
- 3d Loss of both eyes by accident 1,000.00
- 4th Loss of hand at or above the wrist . . . 500.00
- 5th For loss of foot . . . 500.00
- 6th For loss of eye by cataract 200.00
- 7th For loss of hand between second joint of fingers and wrist . . . 200.00
- 8th For broken arm . . . 200.00
- 9th For broken leg . . . 200.00
- 10th For dislocation of elbow 100.00
- 11th For dislocation of hip 100.00
- 12th For dislocation of knee 100.00
- 13th For dislocation of wrist 100.00
- 14 For dislocation of ankle 100.00
- 15th Old age disability at expectancy not under 70 for nine years, per year . . . 200.00
- Balance at death . . . 200.00

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AMERICAN THRESHERMAN.

1908--09

COLLEGE CALENDAR.

Below appears a copy of the official calendar for 1908--09. Clip it out and paste it up in your room where you will be able to find it any time you may want it. 1908.

- Sept. 14, Monday — Registration begins.
- Sept. 16, Wednesday — Fall Term begins.
- Sept. 17, Thursday — Fee for late registration begins.
- Oct. 12, Monday — Farm Husbandry Course begins.
- Nov. 25, Wednesday afternoon to Nov. 30, Monday — Thanksgiving recess.
- Dec. 22, Tuesday — Fall Terms ends.
- 1909.
- Jan. 4, Monday — Registration for Winter Terms and seedules "A" and "B" begins.
- Jan. 5, Tuesday — Winter Term and Seedules "A" and "B" begin.
- Jan. 6, Wednesday — Fee for late registration begins.
- Jan. 28, Thursday — Day of Prayer for Colleges.
- Feb. 5, Friday — Annual Declaration Contest.
- Feb. 12, Friday — Lincoln's Birthday.
- Feb. 22, Monday — Washington's Birthday.
- Feb. 26, Friday — Annual Ora-

- torical Contest.
- March 24, Wednesday — Graduation Exercises in Farm Husbandry Course.
- March 25, Thursday — Winter Term ends. Farm Husbandry and Winter Short Courses ends.
- March 29, Monday — Spring Term Begins.
- March 31, Wednesday — Fee for late registration begins.
- April 9, Friday — Senior Preparatory Class Program.
- April 23, Friday — Debate for Stockwell Prize.
- May 14, Friday — Freshman Class Program.
- May 22, Saturday — Sophomore Class Program.
- May 28, Friday — Junior Class Program.
- June 4, Friday — Annual Concert
- June 5, Saturday — Literary Society Banquet.
- June 6, Sunday — Baccalaureate Address.
- June 7, Monday — Senior Class Program.
- June 8, Tuesday — Commencement.
- June 8, Tuesday — Alumni Banquet and Reunion.

PRES. WORST HONORED.

The thirty-third degree of the Masonic Order was conferred upon President Worst at the Masonic Temple last Thursday morning. The thirty-third degree is not often granted to Americans which makes greater honor that our President has received.

BIG ADD FOR A. C.

Many States Represented in Summer School of Traction Engineering.

The Summer School of Traction Engineering is now in session. Students began to arrive a week ago and during the last three days have come in on every train. Saturday evening there were students enrolled from sixteen states including Texas, Oklahoma, Missouri, Kansas, Nebraska, Ohio, Indiana, Michigan, Washington, and in addition one student from Alberta, Canada.

This shows the extent to which the A. C. has been advertised and the degree to which the impressions received of our College will be spread throughout the land. These young men, for the most part prominent farmers in the communities from which they come, represent the type of progressive citizen for whose help and instruction the agricultural colleges were founded, and their support and influence molds the future of these institutions. The buildings and equipment and the excellent condition of the grounds here have made a pleasing impression which, added to four weeks instruction by the most able instructors and lecturers, will no doubt act as a powerful stimulant to the desire for a higher education.

In order to facilitate identification during their short stay here, the students are tagged and numbered as soon as they register, each one being given a button on which appears a number. The buttons are worn in the coat lapel, and their possessors seem to be proud of these decorations to their attire.



Prof. P. S. Rose.

In Charge of the Summer School of Traction Engineering.

Besides Prof. P. S. Rose under whose supervision the school is being conducted the instructors will be Mr. J. B. Parker of the American Thresherman, Madison, Wisconsin, who will teach business methods; Mr. C. I. Guinness, instructor in steam engineering at the College, who will assist Prof. Rose as a lecturer; and Mr. M. B. Erickson, who will have charge of the field practice.

During the final week a commencement program will be given and Mr. B. B. Clark, known as "Uncle Silas" of the American Thresherman, has promised to be present. At the end of the term a lining up contest will take place and prizes will be awarded to the most skillful. These prizes aggregate in value over \$100 and are donated by manufacturers.

A large factor in the success of this school lies in securing the cooperation of the various manufacturing concerns and machine houses who furnish the exhibits and the equipment. The following donations have been received by the School of Traction Engineering and the Agricultural College, viz.: seven horse power portable gas engine from the Charles A. Stickney Company of St. Paul; an oil pump from Crane and Ordway; a tank pump from the Barnes Manufacturing Company; a tank pump from Mast, Foss & Co.; a 150 foot main drive belt from the Peerless Belting Co.; and an oil pump from the Madison Kipp Lubricator Co.; other donations of interest to engineering students are on the road

including an exhibit of brass goods from the Luckenheimer Co.

More important however, are the engines furnished for the field practice by the following companies: J. I. Case Threshing Machine Company; Reeves and Company; Huber Manufacturing Company; Colean Manufacturing Company; Wood Bros.; and Hart, Parr Company. These machines are now on the ground and will be in daily use in the field maneuvers carried on in the afternoon work under Mr. Erickson.

If the conditions continue as favorable as at present there is no doubt but what the school will prove a great success and the students in attendance will go home with several things to think about.

FLAG POLE UNSAFE.

Engineers Have Some Convincing Figures.

One of the recent problems assigned to the class in mechanics of materials, under Prof. Rose, was the investigation of the new steel flag pole as to its safety. The class figured on this for a whole day and when it came up for discussion in the class-room last Tuesday morning every student in the class had sworn off climbing the flag pole forever.

The investigation was made under the conservative assumption that the length of the top section is eighteen feet, the size of the pipe two and one half inches, the weight of a man one hundred and fifty pounds, that his center of gravity falls six inches from the center of the pipe, that the deflection of the top of the pole is one foot each side of the center, and that the wind pressure is ten pounds per square foot which is equivalent to only a mild breeze.

It was ascertained that the stress due to the wind was about twenty-one thousand pounds per square inch and that due to the deflection of the pole about five thousand pounds, making a total of about twenty-six thousand pounds per square inch for the maximum stress. The elastic limit of the metal is reached at thirty thousand pounds so that the margin is so narrow as to condemn the pole immediately as a piece of athletic apparatus.

It must also be remembered that the pole is yet new and has not had much chance to rust at the joints. The chances are that by next year pole climbing will not be a safe pastime even for a hundred pound prep. In fact anyone who now climbs the pole is taking a greater risk than an insurance company would accept, and the practice should be looked upon as dangerous to the life and limb of the climber.

AT THE GRAND.

"The Good ship Nancy Lee" will be put on at the Grand in full form with one of the strongest and most up to date teams that has ever starred on the vaudeville stage. As the stowaway, Charles Gilroy makes everyone laugh at his sayings and facial humor. Kittie Montgomery has a voice that soothes with its fine modulations, and Maurice Hayes has a very rich voice. Gilroy, Montgomery and Hayes are no strangers to our theatre goers, as they have been in our city several times with one night stands.

Riding the unicycle on a slack wire is one of the pastimes indulged in by Edith and Frank Raymond. This is an act of merit and Miss Raymond is the only lady that is today riding the unicycle on a slack wire.

Talk about your talk abouts, Don and Thompson promise to make good in their talking act and will more than make good in their own original songs.

The Harmonious Three have a novelty of their own and is one that will not be forgotten in time to come. They are a singing team and introduce enough comedy to make every one forget their troubles and are, as their name implies, harmonious.

The new cameragraph pictures will be the very latest and will

go to make a feature act. Prof. Rudd's Union Orchestra has new and up to date music and Elbie Hancen will have a beautifully illustrated song.

This will make one of the strongest musical and comedy bills that has ever been played at the Grand.

MARBLES TOO STRENUOUS.

The proposed marble shooting contest between the Seniors and the Juniors did not materialize on Friday for some unknown reason. The Seniors did not show up, either because they could not produce the marbles or that they considered the state of the weather too unsettled for any such childish contest.

A BUSY SUMMER.

Prof. Arvold has a busy summer laid out before him. On the sixteenth and seventeenth of June, he will attend the National Republican Convention at Chicago. During the summer months following this he will speak at the various Chautauquas of Michigan, Iowa, Illinois, and Minnesota. We expect him back next fall with refreshed spirits to improve our young orators with forensic inspiration.

TO ROUGH IT.

In harmony with his past doctrine Prof. Minard will attempt to get a taste of primitive life on the plains this vacation. He is planning to start Friday for western

professor of toxicology and chemistry.

DAKOTA FARMER PICTURE.

The Animal Husbandry Division received last week a picture of the white shorthorn prize bull, Nonpard Star, bred by S. Fletcher of Matteson, N. D., the first full bred bull bred in North Dakota that received first prize at the International Stock Show in Chicago. The picture, which is on exhibition at Francis Hall, is a large, handsomely framed print donated to the College by the Dakota Farmer of Aberdeen, South Dakota through their livestock editor, Mr. Storgaard in appreciation of the work done by the College in Animal Husbandry.

SURVEY PARTY LEFT.

Messrs. Whitecomb, Oleson, Ruzicka, Worst, Berg and Critchfield left the College yesterday for the lower Yellowstone where they will spend the summer appraising the lands of the Northern Pacific Railroad Company in that region. They will join Mr. Hughes, who has charge of the party, in Montana. The party is looking forward to a strenuous time in the wild and woolly west this summer, and each member has armed himself with a six-shooter and an accident policy. Just whether the west will come up to their expectations or not we cannot say but we will expect to see them all back with us, hail and hearty next fall.

EXPERT PAINTER.

Prof. Ladd is daily expecting an expert painter from New York to look after the special paint experiments to be made with white lead at the College this summer. Preparatory to this a large new paint fence is being constructed alongside the other one near the cramery. It is proposed to test not only the pure white leads, but also the various combinations of lead and zinc oxides in conjunction with the paints prepared from special formulas by the Paint Manufacturers' Association.

FAKES.

There has recently been under examination in the food laboratory a large number of the soft drinks, which have for the first time been introduced into the state this season. It has been found that these are not only deceptive in regard to name and composition, being sold as carbonated fruit beverages, which they are not, but also contain chemical which are distinctly harmful. Prof. Ladd states that unless these products are withdrawn from the state the parties selling them will be prosecuted by the food department. This should serve as a warning not only to dealers but to all those who indulge in the so-called "temperance drinks."

STATE PHARMACY EXAMS.

The regular meeting of the state pharmacy board will occur at the College on the sixteenth of June, at which time will also be held the examinations for assistants and registered pharmacists. Indications are that there will be a large crowd of applicants at that time. Many old A. C. students will be among the number.

IDENTIFICATION OF WEED SEEDS.

Prof. Seaver has been working for some time on a key for the identification of weed seeds. This key will be used in connection with the work in Agricultural Botany. The key is not complete as yet but the professor hopes to have it completed before the opening of the next school year.



Y. M. C. A. HANDBOOK.

It is customary in most of the colleges of the country for the Y. M. C. A. to issue a vest pocket handbook of information for the benefit of the new students. Several years ago our Y. M. C. A. issued its first handbook, but since that time there has been no attempt made to get one out until this year when the project has again been agitated.

The object of the book is to present to the prospective student, in concise form, such information as will make his initial college days easier and aid him in starting aright. To do this it will attempt to present brief but comprehensive view of the College, its surroundings, its facilities, program, and especially the students life; what is expected of him and what is not.

As the book is planned it will contain about sixty pages including illustrations, advertisements and memoranda and will be of vest-pocket size. The book will probably be ready for free distribution about the middle of August.

Mr. Levi Thomas has charge of compiling and collecting the contents of the book and will make it his particular business during the summer.

AT TEACHER'S INSTITUTE.

Prof. Weeks spent last Thursday in Cando where he delivered an address before the teacher's institute. His address was an appeal for a change in our system of taxation that would remove the burden of the cost of improvements from the local community, and throw it upon state or national funds. He believes that this is one of the requisites of rapid improvement in common school education.

The professor also called attention to the way in which teachers can get hold of free material for the teaching of elementary agriculture by writing to the experiment stations, the department of agriculture, and the bureau of teaching.

The principal of the school at Cando is very anxious to initiate a course in agriculture in the high school of that city.

NEW EQUIPMENT FOR ENGINEERS.

A seven horse power Stickney portable gas engine and two tank pumps have been added to the equipment of the engineering department recently.

North Dakota where, in the company of Mr. John Pease, he will make a horse back trip over the plains, through the bad lands, and probably do a little of the real thing which in that country is popularly termed "cow-punching."

RUST.

The season has been particularly favorable for the development of the cluster cup stage of various rusts. The continuous wet weather facilitates the adhesion of the spores to the leaves, of the plants, and brings about immediate germination. Prof. Seaver is making a large collection of these rusts, which are found on the leaves of their favorite hosts, with a view to issuing the in the "North Dakota Fungi." He will spend most of his time during the summer collecting fungi in this locality and hopes to be able to issue two more collections of them during that time. Two collections of twenty specimens each have already been issued.

DR. BASSETT TO LEAVE.

Among those of our faculty that will not be with us next fall is Dr. Bassett. The Doctor has been with us for only one short year, but the dryness of our atmosphere and the temperatures of our winters do not impress him favorably. He hails from the blue grass field of Kentucky, which know no winter or drought.

Dr. Bassett expects to leave the first of next August when he will sojourn for a time at the parental homestead in the South. Later he expects to go aboard for study and to return to Johns Hopkins University.

During his stay here the Doctor has proven himself invaluable in the laboratory, as an ingenious and accurate investigator. The work he has done during his short stay here is excellent and Dan Ladd is very sorry to lose him. Among the faculty and students Dr. Bassett has made many personal friends and they too are sorry to hear that their pleasant professor is to leave.

He will be succeeded by H. L. White, M. S., as ass

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