

# The Daily Nebraskan

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## AN IMPORTANT FIND

### NEBRASKA GRADUATE MAKES A VALUABLE DISCOVERY.

### SAVES BIG WOOD-PULP WASTE

#### GEORGE FRANKFORTER, 1886, THE LUCKY SCIENTIST.

Former Nebraskan, Now Head of Minnesota College of Chemistry, Announces Discovery of Great Value to Industrial World.

What is considered to be a discovery of great importance to the industrial world has been announced by George B. Frankforter, dean of the college of chemistry of the University of Minnesota, and a graduate of the University of Nebraska in the class of 1886. Professor Frankforter declares that he has perfected a method by which the by-products of American trees can be utilized as wood-pulp, the resulting economy being immense.

Dr. Frankforter asserts that his discovery means that the United States will produce a hundred times a much wood pulp paper as was believed possible, and that every cord of fir lumber will yield \$10 profit on by-products alone. He says that an experimental plant will be constructed in the west this summer and that larger plants will be immediately added. Two final patents, covering the processes involved, have just been granted.

#### A New Process.

The perfected processes consist of taking small pieces of waste wood or sawdust, laying it on a steel incline over a furnace and subjecting it to a chemical process of distillation. Carbon bisulphate, or gasoline, is poured over the sawdust, dissolving the turpentine and rosin which pass off as gas into a coil of pipes leading to a tank. The process is similar to the distillation of sugar. Wood pulp remains free from pitch and suitable, it is asserted, for the manufacture of paper. The existing method of distillation left the pulp in the form of charcoal.

The common method of distribution leaves the pulp in the form of charcoal chemically of little value. Dr. Frankforter extracted from one cord of Norway pine, worth \$7.50, turpentine worth \$41 and wood pulp worth \$39, or a yield of \$80 from \$7.50 worth of raw material.

Walking one day in 1897 through the pine woods of northern Minnesota, Dr. Frankforter noted an old stump, which gave out an odor not unlike that of ordinary turpentine. He took a piece of the stump back to the university and began to experiment. Within a week he hit upon the present process, which later he perfected at a small experimental plant erected near his home.

#### A Nebraska Graduate.

Prof. Frankforter is a graduate of the University of Nebraska, of the class of 1886. He came to the university from Roca. After graduating here he pursued advanced studies in Germany and returned to take the place of assistant under Prof. H. H. Nickolson. Shortly after his return he was called to the chair of chemistry in the University of Minnesota.

His last visit to Lincoln was a few years ago when his mother was buried at Roca. At that time he told his friends here of his new process of saving valuable products from stumps, and other portions of trees that ordinarily go to waste. He be-

lieved that the process would be of great value, but did not at that time mention its importance in connection with the wood pulp industry.

## SENATOR BURKETT TO SPEAK

### Nebraska Politician Will Address Special Convocation.

Senator Elmer J. Burkett will address a special convocation of university students at 11 a. m. tomorrow. Senator Burkett has just arrived in Lincoln direct from Washington, where he has been in attendance upon the extra session of the sixty-first congress.

Senator Burkett will speak on "The University Man in Politics." Mr. Burkett is himself an example of what the university graduate may do in politics. He received his degree in 1893 and has since that time been steadily rising in the political field. It is to Mr. Burkett's credit that he has built up one of the most compact and loyal political engines ever seen in Nebraska politics. His address will undoubtedly be full of good advice to prospective politicians.

## TO HOLD ORATORICAL CONTEST

### Students' Debating Club Will Start New Line of Work.

The students' debating club has decided to hold an oratorical contest Saturday evening, April 17th. Definite plans have not yet been made, but if possible gold and silver medals will be awarded to the winners. Mr. R. E. Waldo was made business manager of the affair at the last meeting of the club and will give any information that may be desired to those who are interested.

At the meeting of the club Saturday evening the subject, "Should the Legislature Pass the Carnegie Pension?" was debated. After a brief discussion of the question by a former member of the society Mr. John Paul of Wakefield, Neb., the discussion of the question was made general and nearly all present took part.

## UNIONS DEFEAT PALLADIANS

### Basketball Game Closed With a Score of 37 to 4.

In the basketball game between the two literary societies held in the university armory Saturday night the Unions defeated the Palladians by a score of 37 to 4.

The Palladians came to the game confident of victory and, until the beginning of the second half, seemed to hold their own. The score at the end of the first was: Unions, 5; Palladians, 3. In the second half, however, the spring was taken out of the Pal's play and their opponents rolled up field goals in rapid order. The guarding done by the Unions was exceptionally good, only a few times giving their opponents the ball. No field goals were made by the Palladians, a miss being scored at every attempt. Their three scores in the first and one in the second were gained from the free throw mark.

## TO ELECT MANAGING EDITOR

### Cornhusker Office To Be Filled Next Thursday Morning.

With the choice of the managing editor of the Cornhusker by the junior class next Thursday morning class politics will be over with for the semester. Three candidates were present to the class at the last meeting, but as nobody had a majority of the votes cast the whole matter was postponed until next Thursday. The three aspirants for the position are Mr. Scotney, Mr. Wheelock and Mr. Syford.

According to present plans the report of the social and constitution committees will be heard at the same time.

## BEGIN PENNANT RACE

### ALPHA THETA CHI AND BETA THETA PI PLAY TODAY.

## LETTER MEN POSTPONE ACTION

### "N" Organization Will Be Formed at Meeting To Be Held in Temple at 5 O'clock Thursday Afternoon.

The big pennant race of the Nebraska fraternities will be started today at 12:30 o'clock on the baseball lot at Nineteenth and Vine streets with Alpha Theta Chi and Beta Theta Pi as the opposing teams. These Greeks are representatives of the west division of the league. The opening game of the season should have been played last Saturday between Phi Delta Phi and Phi Kappa Psi on the east side, but the contest was postponed at the request of the former chapter.

The contest this afternoon is expected to go seven innings and to be hotly contested. Both teams are reputed to be strong this spring and should open the chase for the rag in a blaze of brilliant play, such as usually characterizes the work of the Greeks on the diamond.

A complete schedule of all the games in the inter-fraternity league is published elsewhere in this paper. It calls for the playing of the final game for the championship on May 31, by which date the champions of each side will have to be selected or else there will be no pennant given for the winners of the final.

#### "N" Meeting Postponed.

Owing to the lack of attendance at the meeting of the "N" called for yesterday afternoon the organization of a letter society was postponed to Thursday afternoon at 5 o'clock in the University Temple. At that time the formation will take place. It is hoped by the men who are pushing the new society that a large crowd of the athletes of the university who have won their letters will be present.

It is proposed to make the "N" men's organization a society for elevating the value of the letters won in representing the University of Nebraska in the various sports and at the same time to cultivate a fraternal spirit among these same men.

A neat badge or pin of some sort will be adopted as an insignia of the association and will be worn only by the athletes who have been successful in getting a coveted cornhusker "N."

In a way the new society will be secret. Its rules, constitution and business will be kept secret and outsiders will be barred from any participation in its meetings or doings.

#### Is To Be Big Thing.

It is believed that with such a society for the students to look forward to that the value of an "N" will be greatly enhanced and that a keener interest in university athletics will result therefrom. The best athletes and professors of the university are backing the formation of the new association and it is sure to succeed in every way and to live as long as the cornhuskers are participants in the world of college sport.

A meeting of the track men which was called for this morning at 11 o'clock in the Memorial hall has been postponed, owing to the absence of Dr. Clapp from the city, to chapel hour on Thursday, the place of meeting being designated as the same that was named for the gathering for this morning. Dr. Clapp and Captain McDonald desire to have all of the

track candidates in attendance on that day, for some very important announcements will be made that will be of interest to all the men who are ambitious of doing work on the cinder path this spring.

Dr. Clapp is in Des Moines today, having gone there yesterday to attend a meeting of the representatives of all the colleges in the Missouri valley conference, called to discuss rules and other things connected with the annual "Big Seven" meet which is to be held in Des Moines on June 5.

## TENNIS MEN MAY RECEIVE "N's"

### Tournament to Choose Men for Inter-collegiate Games.

Tennis has been added to the list in which those winning inter-collegiate honors will receive "N's." This statement was made by Manager Eager when spoken to regarding the proposed trips to be made by the university team during the spring. "N" men in this branch of sport have been few and far between for the past few years but the work is being pushed with renewed interest and tennis bids fair to assume a prominent position in university athletics this spring.

The courts west of the Library building have been put in better shape than for several years, and practice, which began this week, will be held every day until the close of the school year. A good bunch of men are lining up for the work and the fact that "N's" will be awarded is expected to bring out keen competition. Several trips will be made during the season, one of them to Kansas university. It is for victory in these contests, that the "N's" will be awarded.

A tournament will be held in a short time for the purpose of picking a squad of a dozen men from which the representatives in inter-collegiate matches will be picked. Promising candidates may be admitted to this squad from time to time. This will place tennis on a systematic basis and bring it up to the standard of other sports at the university. First year men are eligible for this tournament. Several promising candidates have been developed in the freshmen class, notably Smith of Lexington, who went to the finals in the Hastings state tournament; Robinson, and several Omaha men.

Old men who are eligible this year are Flower, Erstipe, Slaughter, Richey, Rately, Calkins and Floyd, of whom Flower and Richey hold the doubles championship. A medal will be awarded the winner in the university tournament.

## POPULAR LECTURER FRIDAY

### Lee F. Hanmer to Speak on Subject of Playgrounds.

Speaking on the subject, "The Functions of Playgrounds in Commonwealths," Lee F. Hanmer of New York City will address university students and Lincoln citizens in Memorial hall at 8 p. m. next Friday. Mr. Hanmer's address is under the auspices of the Civic Improvement League of Lincoln and the lecture is free to the public.

Mr. Hanmer is field secretary of the Playgrounds' association of America. He devotes his entire time to the discussion of the value of play and playgrounds in modern life. In the talk Friday evening Mr. Hanmer will especially emphasize the relation of play to character building and good citizenship. Local conditions in Nebraska will be dealt with in part.

Mr. Hanmer is supported by the Russell Sage endowment fund and is therefore no expense to the community. His stay in Lincoln is expected to have direct results in furthering the movement started for playgrounds in Lincoln.

## AVERY WILL PRESIDE

### CHANCELLOR TO BE CHAIRMAN AT INTER-CLASS DEBATE.

## FRESHIES TO CONTEST SENIORS

### MINNESOTA WILL MEET NEBRASKA HERE NEXT YEAR.

### Tryouts Will Be Held the First Part of May for Places on the Squad, and Work Will Commence Immediately.

It was definitely announced last evening that Chancellor Avery would preside at the closing inter-class debate which is to be held on Tuesday, April 6, between the freshmen and juniors.

The contest will decide the class championship.

The freshmen have already defeated the sophomores and the seniors have defeated the juniors, which leaves the contest between the first and fourth year men for decision. The debate will be held in Memorial hall at 10 o'clock, at which time all classes will be dismissed. After the debate the announcement of elections to the Phi Beta Kappa fraternity will be made.

#### Schedule Now Out.

The schedule of the inter-collegiate debates for the coming season is now out. Nebraska will debate with Minnesota at Lincoln and with Iowa at Iowa City. The home debate should be of particular interest next year, as it will be the first time that the Minnesota team has ever appeared on the Nebraska platform.

The question which will be discussed has not yet been decided upon, but a decision will be reached about April 1st. Each school in the Central Debating league sends in a list of questions arranged in their order of preference and the one receiving the highest vote will be the one chosen. In case there should be a tie the decision will be left to President Arthur G. Hadley of Yale.

#### Begin Work Soon.

Work will begin about the middle of April in the preparation for the spring tryouts, which will be held early in May. At the tryouts it is probable that only a part of the team will be chosen, the remainder being left to be filled at the fall tryout. Work in preparation for the inter-collegiate debates will begin immediately and be pushed vigorously until the time of the contests. Many of the squad will work during the summer, as has been done in the past, and in this way a thorough understanding of every phase of the question will be gained. The two teams will not themselves be chosen until a short time before the final debates.

## STUDENTS WANTED FOR WORK DURING SUMMER.

A large manufacturing concern from Minneapolis has appointed a representative at the university to find students desirous of making good money during the summer vacation. About fifty or one hundred students are wanted. For information write Daily Nebraskan, W. R. 9, Station A.

The members of the Black Masque, the senior girls' society, gave a linen shower Thursday, March 26, at the Kappa Alpha Theta sorority house for Miss Maisel Van Andel, who is to be married Wednesday, March 31, to Arthur Barth.

The best oyster stew in the city is that served at The Boston Lunch. Try it.