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ENGINEERING LECTURE

Clarence T. Johnson Talks to a Large Audience on Egyptian Irrigation—Handsome Pictures Shown.

An audience of about 300 people assembled Friday night in the old chapel of the University to listen to an illustrated lecture by Mr. Clarence T. Johnson, assistant chief of the irrigation investigations of the United States department of agriculture, on the subject of "Egyptian Irrigation."

Mr. Johnston commenced by reviewing briefly the work of the French and English engineers to whom the modern irrigation system of that country is due. It was noted as a significant fact that the laws and regulations under which the system is operated have been formulated by engineers and the administration of the works is in the hands of engineers. It is coming to be more and more the case everywhere that engineering skill is employed at the earliest inception of industrial projects, and that policies in regard to the same must be given shape by experienced men. In our own country the irrigation industry is most substantially founded in those states in which laws providing for public control have been adopted and the administration has been intrusted to engineers. Nebraska was cited as a worthy instance in point.

On a map of Egypt it was shown that the extent of the Nile valley to which interest attaches in this connection is about the same as that of the valley of the Platte from the Missouri river to Denver. By means of diagrams the reliability of the Nile as to stage, when compared with a number of American rivers was shown. This characteristic makes it possible for Egyptian irrigation to conform to a fixed practice.

The illustrations shown were particularly fine, and covered the different methods of delivering and lifting water, some of them representing the most crude practices of the natives, while others set forth the magnificent works which have resulted from the employment of the best engineers with a national treasury back of them.

The Assuam dam, recently completed, on the upper Nile, was shown and described in some detail. Thirty-five thousand men were at work on the dam at one time. It will back the water up the Nile for 160 miles, and will impound water sufficient to cover nearly a million acres one foot deep, and make possible perennial canals on the upper Nile.

The Yussuf canal, said to be the largest in the world, was shown. It carries nearly twice as much water as the flood of the North Platte river.

In addition to the topics which were of peculiar interest to engineers, Mr. Johnston showed and discussed some very fine views from photographs he

had taken of ancient temples which recent excavations uncovered. He also devoted some attention to the parks of Cairo.

The lecture was not only of great technical value, but also of general interest.

Footballers to Talk.

Coach Booth, Captain Westover, Dean Ringer and J. R. Bender will make ten minutes talks at St. Paul's church this evening at 8 p. m. Dr. Condra and Dr. Wharton will also speak. They are to address a meeting of the young men's club on the subject of physical education. If sufficient interest is manifested a first class gymnasium, with lockers, shower bath and a game room will be put in the basement of the church, with Dr. Condra as the physical director.

This is a very commendable move and should receive the hearty support of all. Students are urged to attend this evening and help push the project through.

Nebraska Art Association.

The directors of the Nebraska Art association held a business session at the Lindell hotel Tuesday afternoon. By unanimous vote the collection of Cora Parker of recent American art, was approved.

Miss Clara Walsh, the efficient secretary of the association, also reported that she had secured some fifteen or twenty of the recent productions of some of her American artist acquaintances. The entire collection will be here December 20, and ready for the public December 26.

It was unanimously voted to ask Miss Lundean to undertake the delicate work of acting as doorkeeper and having general charge of the gallery. It may not be known that one thousand dollars lie in the treasury of the association to begin the season with. This, in connection with usual receipts for season tickets and single admissions, gives to the directors a feeling of security never before experienced.

The association gave the usual picture prizes to ward schools of the city.

At Lehigh University the faculty have taken action on the rushing of Freshmen by fraternities and have made the following resolutions:

1. Fraternities are prohibited from admitting men to membership until after they have registered and been enrolled as students of the university.
2. After January 1, 1903, no student of the university will be allowed to join a fraternity or live in a fraternity house until after he shall have passed all the work of the Freshman year.
3. Fraternities are prohibited from taking any action which will cause rules 1 and 2 to be violated.

Professor and Mrs. H. W. Caldwell gave a dinner last evening for Mrs. C. N. Little, at which the following were the other guests: Dr. and Mrs. J. E. Tuttle, Mr. and Mrs. A. W. Field, Mr. and Mrs. Lincoln Frost, Mr. and Mrs. N. Z. Snell, Professor and Mrs. A. R. Hill and Mr. S. L. Geisthardt.

IN THE SOCIETY WORLD

Freshmen Have Annual Hop and Dance on Red Pepper—Phi Delta Phi Entertains—Omaha Reception.

The Freshman hap was held last Friday night in Fraternity hall and notwithstanding the efforts of those who sought to interfere with the plans of the Freshmen, the affair was a great success.

The dancers were so bent upon enjoying themselves that the Cayenne pepper failed to mar the pleasures of the evening. Ralph Christie, master of ceremonies; Julius Johnson, chairman of the hop committee, and Mason Wheeler were present to take part in the festivities. On the whole the dance was one of the most pleasant of the informal variety that have taken place this year.

Legal Fraternity Dance.

The legal fraternity of Phi Delta Phi gave its first dance at Walsh hall Friday evening. Over forty couples danced to the music of Eddie Walt's orchestra. The hall and parlors were uniquely decorated with streamers and festoons of fraternity colors. Potted palms and vases of dark red roses formed a pleasing contrast to the blue of the decorations. Messrs. McNish, Peterson and Ledwith composed the committee on entertainment, and are deserving of great praise for the successful work done by them. Miss Eola Aul and Mr. H. R. Peterson distributed programs of an original design in the fraternity colors, to the dancers. The Hon. H. H. Wilson and Wife, and Dr. Roscoe Pound and wife acted as chaperons. Both of these lawyers are members of Phi Delta Phi.

Reception at Omaha.

About 300 people attended the reception given by Chancellor and Mrs. A. Benjamin Andrews and Dr. and Mrs. H. B. Ward at the Millard hotel in Omaha Friday night in honor of the faculty of the University of Nebraska College of Medicine. Mr. E. H. Clark introduced the guests. Mesdames Milroy, Jonas, Brown, Ewing and Gifford assisted in the reception. Lincoln people who attended the reception were Governor and Mrs. Savage, Mayor and Mrs. Winnett, Mr. and Mrs. R. H. Wolcott, Dr. H. B. Lowry, Professor Barbour, and Professor Bruner.

Mathematical Seminar.

"A Weighted Course in Calculus," was the title of a paper presented by Professor Chatburn at the meeting of the mathematical seminar on Saturday evening. The speaker had carefully gone over the text used in the calculus classes and had attached the weights A, B, C, D, to the various chapters and sections, these letters indicating the relative importance to be

attached to the various topics, from an engineer's point of view. Professor Hodgeman in the discussions which followed held that the interests of the general student should be considered in teaching calculus, as well as the interests of the engineering students. He advocated a one semester course in calculus for general students to be followed by a more exhaustive course for those who cared to continue the subject.

College Settlement.

The regular monthly meeting of the settlement board was held in Dr. Hill's office Saturday afternoon at 4 o'clock. The sale of tickets for the play to be given by Coach Booth and Miss Howell on Thursday evening was reported good. The leading pastors of the city were requested to announce the entertainment from their pulpits on Sunday. Some misunderstanding seems to prevail among some student concerning the prices of tickets. Any seat in the house except the gallery is 50 cents. Gallery seats are 25 cents.

"David Garrick."

Next Thursday evening the Dramatic club of the university will give "David Garrick" at the Oliver theatre. Last year Mr. Booth and Miss Howell, who assume the leading parts appeared before the public in "A Pair of Spectacles," and scored a decided success. The attendance was fairly good, but a great deal of hustling was done to secure it. This year extra pains will be taken to insure a large attendance, and the committee hopes to fill the house. The play is given as a benefit for the College Settlement, and if only to help in this worthy cause every one should go. However, a highly entertaining and enjoyable evening is promised.

The company will make a short tour of the state, giving one performance in each of four or five different towns, including Beatrice, Plattsmouth and York.

Students in geology would favor that department if they would report the sand and gravel pits found near their homes in Nebraska.

Water polo has been introduced at Wisconsin and class teams have been organized. Wisconsin is the first western college to take up this sport.

A new ball has been purchased for the basket ball class. This will supply a long felt want, as those who are not playing can practice throwing goals and the skill of all the men will be increased thereby.

Fred Kuhlmann, '99, has chosen for the subject of his doctor's thesis at Clark University, "The Psychology of the Imbecile," and will spend the greater portion of the winter at Waltham, the seat of the institute for the feeble minded, in the investigation of his topic. He reports great enthusiasm in athletics in his neighborhood, where "all roads led to Cambridge," when Harvard met Yale. His own interest is still with Nebraska, however, and he writes enthusiastically of the Cornhuskers' great record of 1902.