

The Daily Nebraskan

Property of the University of Nebraska, Lincoln

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MONDAY, NOVEMBER 8, 1915

Are you watching the development work on the new portion of the campus with any degree of interest?

GOOD NEW MOVE

Will you be one of the many students to find your way to the athletic field Wednesday afternoon to aid in the working up of a real Cornhusker spirit? You should be there without a special invitation. It is certain that the cadets will be there, for there will be no regular drill that evening. They will fall in without uniforms and march to the field, where they will co-operate with the other students there assembled to learn the songs and yells of old Nebraska. If all departments in the university would co-operate as is the military department, the success of the movement would be assured. The band will be there, the players will be there; will you?

The special football edition of the Utah Chronicle is a blood-red sheet. Just the same, it can be said to be a "yellow journal."

GOOD MOVE

Not because we are affiliated with the University Commercial club; but because of the extensive favorable comment, do we commend the recent resolution passed by that organization. Their university is held in a higher light than is their organization, which is more than some organizations can openly argue.

FACTORS IN STUDY OF PLANT PATHOLOGY

MISS POOLE, FORMER FACULTY MEMBER, ADDRESSES CLUB

AGRICULTURE AND PATHOLOGY

Miss Poole at Present is Assistant Pathologist in the Bureau of Plant Industry at Washington, D. C.

Miss Venus Poole, a former member of the University faculty and at present assistant pathologist in the Bureau of Plant Industry at Washington, D. C., said in a talk before the Faculty Women's club "that a few years ago the study of plant diseases or plant pathology, was conceived chiefly with the causal organism. When a certain fungus or bacteria was repeatedly isolated from wilted plant tissue it was usually held accountable for the disease. Much of the study was confined to this region of investigation, only gradually it became apparent to investigators that while such organisms might produce a certain plant disease at times, many

times no disease developed, although the causal organism was present. It thus became apparent that the environmental factors must govern the conditions which occurred, in order that the host plant might be susceptible. The new plant pathology then deals with the relations of environment to plant growth. Such environment includes agricultural practices, as fall plowing, rotation, siloing, etc., soil factors, as temperature and moisture content, also the humidity and temperature of the air. Although many of these factors cannot be controlled by man, yet a study of them may point out some facts, which would lead to control."

During 1912-13, Miss Poole was sent out to study the leaf-spot disease of the sugar beet at Rock Ford, Colo. "It was found that the removal of the sugar beet tops from the fields which were infected with the leaf-spot disease, offered something of a control of the disease. When the beet top removal was followed by fall plowing, better control was secured. When there was rotation together with field isolation, that is a separation of one beet field from another, for a distance of at least 100 yards, almost a complete control appeared. In this work about 1,000 acres of sugar beets were studied throughout the growing seasons.

"The study of the potato diseases of Colorado, which have been the subject for investigation during the summer just past has again indicated the necessity for a concise and detailed correlation between the environments, factors and disease symptoms. Nineteen hundred and fourteen was spent in Wisconsin working in co-operation with the University of Wisconsin in

studying the sugar beet leaf disease. The past year the potato diseases of northern Colorado were observed in detail and comparable cultural work, field study, etc., was carried on at Waupaca, Wis. The summer was divided, two to three weeks being spent alternately in each place.

"The whole system of agriculture depends upon a knowledge of conditions under which plant diseases develop. Germs and spores are always in the air, and whenever conditions are favorable for their development, disease will occur. Then means must be taken to dispose of the germs present and change the conditions through crop isolation or treatment of the soil with proper fertilizer, containing the needed chemical constituents and give it the right kind of cultivation to meet the conditions."

Miss Poole is at her home in the city on her vacation and will return to Washington the early part of next week.

Bordeaux, France.—A delegation of business men from all parts of France, whose object is the betterment of commercial relations with the United States, has left for America.

PERSONAL

Merrill Rohrbach, '15, was in town Friday.

Alpha Sigma Phi announces the pledging of Harvard Granden, '19, of Omaha.

Ray Kellenberger, '14, editor of the Seward County Tribune, was in town on business Friday.

Jean Cain, '14, who is city attorney at Falls City, visited at the Phi Delta Theta house last week.

Charles Peterson, '19, and George Riley, '18, went to Omaha Friday for the Omaha-Lincoln football game.

Louis Vlasak, '19, A. V. Hlava, '17, Lumir Honzik, '19, Milo Beck, '19, and Charles Killiam, '19, went to Wilber Saturday to play in an orchestra.

Dean Charles Fordyce lectured before the principals and superintendents at the State Teachers' association Wednesday on the subject of "Measurements."

Irene Steidl, '15, is taking a library course in Chicago. She is also taking advance work in Russian, having had elementary work at the University of Nebraska.

Chancellor Avery and Regents J. E. Miller, E. P. Brown and P. L. Hall went to Omaha Saturday morning to inspect the medical college. They were the guests of Dean Cutter at luncheon.

Miss Grace Ballard, who has been in New York, Pennsylvania and other eastern states since early last fall, engaged in equal suffrage work, is expected to arrive in Blair today, to spend a few weeks' vacation on the farm. She left the east on Tuesday, stopping over in Des Moines for a

A Thrilling Moving Picture Serial Begins Today

"The Diamond from the Sky," one of the most interesting, exciting and entertaining moving picture serials, will begin at the Alpine picture theatre, 1330 O street, today, and continue every Wednesday and Thursday thereafter for twenty weeks. Every student should see this \$800,000 photoplay. Admission only 5 cents. A cash prize of \$10,000 will be paid to the person who submits the most acceptable suggestion for a sequel to "The Diamond from the Sky." Begin at the first chapter today, enjoy the entire series, submit your suggestion and win the prize. The Alpine picture theatre, 1330 O street. Only 5 cents. 11-24.



SOME men change their tobacco brands as regular as a woman changes her mind. An' others smoke VELVET.

Velvet Joe

brief visit with her sister, Miss Hattie Ballard. Miss Hattie will be here from Des Moines in a few days and in company with her mother, Mrs. Sarah Ballard, will go to California to visit the expositions and other points

of interest. Grace will "keep house" during her mother's absence and rest up preparatory to entering another political campaign. Miss Ballard was graduated from the Nebraska College of Law in 1914.

Seniors Notice

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