

Records help instruction

'German is in groove' say department heads

"German's in the Groove," was the boast of the German department heads as the second week of their streamlined language system came to a close. The complete text of the German 2 course, "In Deutschland," has been recorded; English to German and German questions answered in German.

After a day's assignment students may hear the completed lesson, recorded in correct German by Professors Alexis and Pfeiler. Monday through Thursday these recordings are played from 4:00 until 5:30.

Although this method of instruction has been tried before, the department claims, it has never been so much of a success as now. As a result classes are uniform in assignments and are able to work well together. Students taking advantage of this extra feature of the course are expected to progress more easily.

NYA students . . .

Solve problems of university herb conservatory in Bessey

Until government-paid NYA students exactly solved the problem, lack of funds severely limited and continues to hamper the work carried on by the university herbarium in Bessey. For those who are uninitiated in the language of the botanist, a herbarium means literally a conservatory of herbs. Actually, a herbarium has come to be known as a collection of dried plants, scientifically arranged for study.

When the NYA students began their work in the herbarium, plants to be mounted were piled up from years back, pressed into newspaper folders. Many of the structures simply have to be remounted, and some of these date back to the days of Prof. Samuel Aughey and Dr. C. E. Bessey and are as old as the university itself. To date, the university herbarium has mounted, labeled and filed away over 425,000 plant specimens.

In preparing plants for the files, the first job performed by the NYA workers is poisoning the plants. The poison, a mixture of alcohol, ether, and mercury is painted on the dried leaves to kill any insects that might be present to destroy the exhibit. This poisoning treatment also protects the plants from any future insects that might look upon the vegetation as a food supply.

The next step in the herbarium work of the NYA pupils is to give the plant a correct label. These labels must contain the name of the plants, when and where it was collected, and who it was that collected and classified it.

In mounting the specimens, special quality rag paper is used as well as adhesive strips and glue. The job of mounting is most delicate, and unless students use great care, results are apt to be unsatisfactory.

Dr. Walter Kiener, assistant curator of the herbarium in charge of the technical work, declared that some of the thirteen students employed by the NYA do exceedingly well in this type of work. He disclosed the fact that girls are better suited to the mounting of the plants and the boys to the poisoning of the plants.

There is no chance that the staff of the herbarium will ever run out of work, for government botanists continue to send types of plants to be labeled and mounted. The university's collection is one of the largest in the middlewest, and its value has already proved itself many fold. It is possible to identify accurately for farmers any unusual types of grain or weeds that appear on their farms.

Pilger to lead photo discussion

Claude Pilger, a member of the National Association of Photographers, will be the discussion leader of the photography forum at 4 p. m. today in Parlor Y of the Union. Pilger has studied photography for fourteen years and has his pictures shown in many photography salons over the United States. His favorite camera is the Leica and he is primarily interested in the composition of pictures. The forum will be open both to amateurs and advanced fans of photography.

Engineering unit head advances to army major rank

R. E. Cruse, director of the university ROTC engineering unit, has been advanced to the rank of major in the United States army.

An experienced engineer, Major Cruse has supervised army construction, harbor and improvement work in the United States for many years. He entered West Point Military Academy in 1915 and was graduated in 1918. He is also a graduate in engineering from the Army Engineering School at Fort Belvoir, Va.; and the Rensselaer Polytechnic Institute at Troy, N. Y. He has also taken advanced work in engineering at the Carnegie Institute of Technology.

In civil works.

Most of his service has been on construction and civil works projects supervised by the army engineer corps, including river and harbor work in the vicinities of Jacksonville, Fla., and Chicago.

Pool says . . .

'Humans are positives of insecure balances'

"Man himself is a composite rhythm of precariously complex balances, as indeed is the universe as a whole" states Dr. R. J. Pool, chairman of the department of botany in a speech, "White Man versus the Prairie," published in a recent number of "Science."

There have been wise men of all ages who knew quite well how society should plan in order to operate successfully and continuously within the mighty cycles that rule the universe. Pool declared, adding that their advice has gone unheeded. The Romans paid no attention to Virgil; Americans have paid no heed to Penn, Washington or Jefferson. As a nation we have blundered in the utilization of your primitive wild-life resources just as the ancients. We have boasted too much of a growing mastery that gave us every right to win in the conquest against nature and time. Pioneers, inspired with a romantic and adventurous spirit, pressed on to settle in the prairies and in the foot hills of the Rockies. As a small boy on a Nebraska farm we have worked childishly to pay off our small mortgages only to inherit larger ones.

Then came the selfbinder, the riding gang-plow, the tractor, and with these the urge for more acres. But the white man failed to realize that is only God who sends the raindrops. He failed to sense the danger involved if he dared to cross nature's tendencies with radical schemes for utilizing the native range and introducing crops of the humid East. After periods of drouth and misery the rains again came and another boom was on. Man had almost finished his conquest of nature when the drouth of 1933 came. Then when moisture came, it came in torrents destroy-

ing all in its path. We boast of impressive dams and levees to protect us against the flood waters. But the white man failed to realize that it is only God who sends



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DR. H. J. POOL.

influence in the steady maintenance of a cover of vegetation on the land, but he can only aid ature. The White man must cease from the boast of having conquered nature and face the problem of preserving what is left of his heritage in the soil, and to restore the broken lands that have dogged his footsteps thru the forest and across the prairies for centuries.

Reporter - -

(Continued from Page 1.)

ernment job, you'd be sure of your position. There is also room for advancement.

George Russell, business administration, junior.

When and if I do graduate I'd like to get a government job to give me some experience at their expense. Then I'd like to work for the U. S. Revenue Department. If that falls thru, I'll go to work in extension service, namely, WPA.

Jerry Wallace, teachers, senior.

No. However government jobs are a good thing, and I don't know what people would do without them. If I hadn't slaved for four long years in teachers college, I'd consider what the government has to offer me.

NYA workers get training as jigsaw puzzle champs

Twenty-five boys, employed by the National Youth Administration, are doing everything from cleaning exhibits to fixing bones as part of the work being carried on in Morrill under the general direction of C. Bertrand Schultz, assistant director of the museum.

According to Frank Bell, preparator at the museum, the boys do those jobs for which they are best suited. In direct charge of the students' work is Henry P. Reider, chief preparator, who assigns those boys with training in anatomy to the task of fitting parts of bones together and to cleaning specimens. Others, without this skill, are put to work arranging collections and putting exhibits in systematic order in storage as well as painting numbers on each bone and checking labels.

When the bones arrive from the bone quarries in western Nebraska, they are enclosed in plaster of paris casts and are usually covered with matrix, the dirt and soil in which the fossil was found. All of this extraneous material must be cleaned away by using sharp pointed tools.

The less experienced NYA boys content themselves with extracting whole bones from their casts, but the students with more training are assigned to more difficult jobs, such as working up a skeleton out of a block containing several bones and pieces of bones. Often this fitting of pieces of bone together is akin to working out a jigsaw puzzle that has a few pieces missing. A few NYA workers assist in mounting skeletons for display but there are none of them experienced enough to handle this type of work by themselves.

A good deal of patience on the part of the boys is required in handling the fossils because these age-old structures are extremely fragile. When the bones have been made perfectly clean, they are painted with a hardening solution, a mixture of white shellac and alcohol. This soaks into the bone and makes it possible to handle the specimens less gingerly.

The bulk of the NYA students' work is never put on display. In fact, the most common fate of the cleaned bones is a label and a place on a storage shelf. For example, there are only five or six rabbit skulls or jaw fragments in display cases, yet actually there are five or six thousand such specimens in storage. The reason for such large numbers of bones is that there is value in having quan-

tity alone in research work in this field.

Time is not the criterion by which this type of work is measured. A careful and neat job is paramount even at the expense of a few hours. Therefore, it is impossible to estimate the amount of time any project will take.

Bizad offers scholarships

Applicants to file in office before March 1

Applications for the Business Research Scholarships and the Graduate Fellowship in the business administration college should be filed with Dean Le Rossignol before March 1. The Business Research Scholarships, ranging from \$250 to \$500 are given by prominent citizens and business firms to outstanding graduate students, for the purpose of encouraging business research.

For graduate work.

The John E. Miller Graduate Fellowship is given annually to a member in the senior class who desires to do graduate work. Presented by the Cooper Foundation, it amounts to \$500. The fellowship may be used here, or at any other college of business administration approved by the faculty committee making the award.

Earl M. Constable is the present holder of the Business Research Scholarship, which has to be used at the University of Nebraska. William B. Williams, holder of the Graduate Fellowship, is now at the University of Pennsylvania.

Sadie Hawkins Day comes to ag campus Friday

Ag campus girls will play Sadie Hawkins when they take their dates to the annual party sponsored by Phi Upsilon Omicron, home economics honorary, Friday.

Theme of the leap year party will be a circus, with Bill Davis and his orchestra playing under "the big top." The dance is semi-formal and will be held in ag activities building from nine to twelve. It will be open to any student in the university. Phi U members will entertain their dates at a dinner before the dance.

Committee chairmen for the dinner are Evelyn Young and Rachel McDonald. Alice Lideen and Betty Jo Smith have charge of decorations, Marian Smrha and Sylvia Zocholl are publicity chairmen and Lois Hammond has charge of the orchestra.

B.D.O.C.?

Of Course, I'm Entering!



Rules For The Contest

- Nomination blanks may be obtained at Harvey Brothers, 1230 O St., The Daily Nebraskan office, or from the Contest Managers: Burton Thiel and Whitle Reed.
- Twenty signatures of male students—signatures not appearing on any other nomination blank—are necessary to nominate a candidate for the B. D. O. C. title.
- Nomination blank must be mailed or delivered to Harvey Brothers or The Daily Nebraskan not later than midnight, March 12.
- A committee consisting of Betty Bachman, Marg Krause, Betty Meyer, Jean Morgan, Betty Roach, and Peggy Sherburn will select the B. D. O. C. man from the entries submitted.
- The nominee selected for the B. D. O. C. title will be announced in the Spring Fashion Edition of The Daily Nebraskan, March 20th.
- Harvey Brothers will present the B. D. O. C. title winner with \$50.00 in clothing.

Enter Early—It's To Your Advantage