

Working for 'Wings' ... UN Grads 'Keep 'Em Flying' ... At Randolph Field

Nebraska graduates are flying and will be flying these planes as every new class entering Randolph field numbers UN students in its ranks and every graduating class has its share of Nebraskans.

Among the 285 aviation cadets who will complete their ten week period of basic training at Randolph on Sept. 27 are Earnest B. Nennemann, Omar W. Hedrick and Burdette L. Wertman, all recent UN students. They will move to advanced fields as the final step toward their wings and commissions in the army air corps.

Six Nebraskans Beginning

Six other Nebraska students are planning to begin the course at Randolph soon. They are Jim Kirkendahl, Dick Ryan, Jack Scott, George Souders, Bud Johnson and Philip Van Curan.

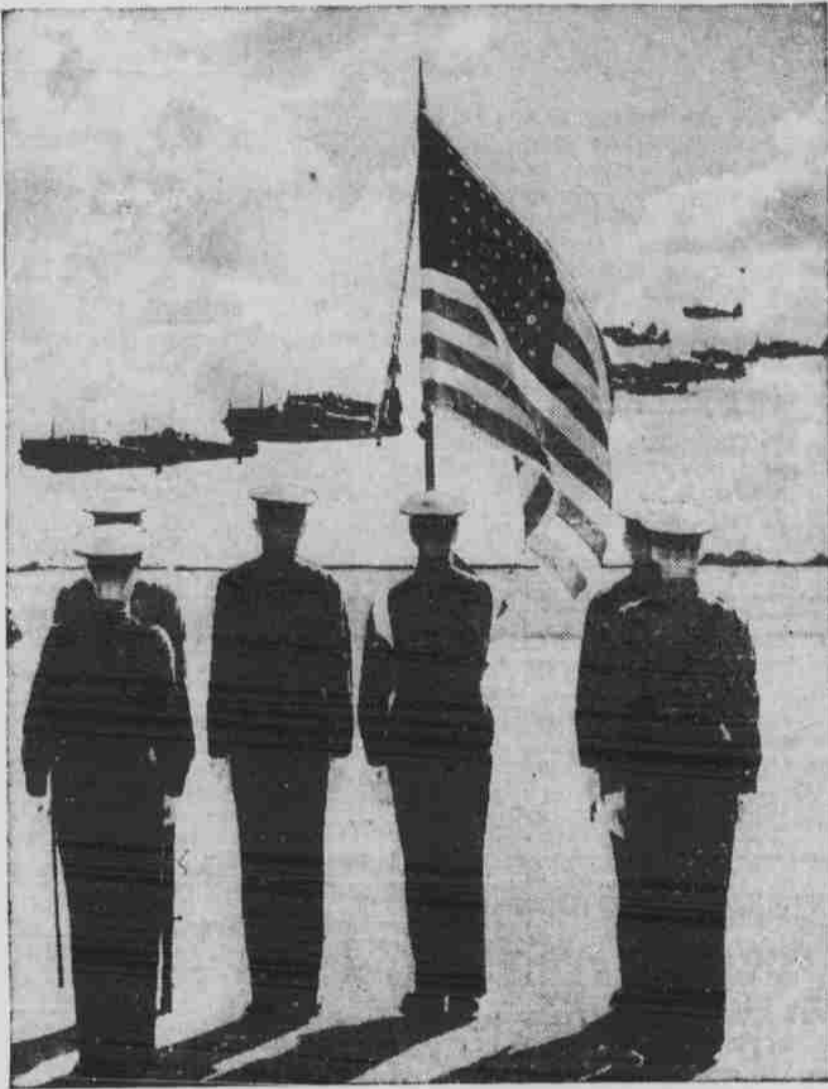
Approximately 80 percent of the potential pilots at Randolph are former students or graduates of colleges and universities, 126 different schools being represented in the latest graduating class.

Learn Fundamentals First

With new classes starting every five weeks, first task for the would-be pilots is the learning of flying fundamentals at air corps elementary flying training schools. Then they move to Randolph field for the primary phase of their training.

Both ground school and actual flying experience is on tap for the students at Randolph where night flying, aerial acrobatics, cross country, formation and instrument flying and other military tactics are taught.

Randolph field is training 4,500 cadets annually under the expansion program. During the thirty week training period, cadets are paid \$75 monthly plus food, clothing and quarters.



Cactus Plant Caterpillar Only A Lowly Worm Saves Nebraska Prairie

By Dale Wolf.

At last some good has been found in a lowly worm.

This specimen that has shown up his crawling brothers is the "cactus caterpillar." The first trace of this particular elongated creeping animal came this summer as Marion Pederson, a graduate student in the agronomy department, was doing research work on a government refuge near Valentine, Neb., this past summer.

His work consisted of research on pastures, especially on utilization studies, plant development, and deferred grazing. The first experimental work began in 1937 when the government purchased 70,000 acres of prairie land in the migratory waterfall refuge near Valentine.

For the past four summers this refuge has been the place of extensive pasture studies. Each year a graduate student from the agronomy department has spent his summer vacation finding facts that will aid the farmer or rancher in getting the most out of his native grass pasture. This year, while taking plant development notes, Pederson noticed a certain cactus plant which before had been ruining millions of acres of pasture land, and was now being exterminated by some sort of insect.

Discovery Important.

Naturally, this discovery was very important because its work meant that many acres of prairie

would be saved from destruction by the cactus.

This interest led to the further study of its work, and to the study of its growth and development. Pederson caught several specimens of this worm and sent them to the entomology department, here at the university, for classification. The entomology department had no record of this animal and could not classify it, so they sent the specimens on to their department in Washington.

Here it was decided that the worm was a member of the caterpillar family and that its common name was "cactus caterpillar." After some study, it was decided that the cactus and the cactus caterpillar maintained a biological balance and therefore kept the cactus from spreading too fast.

An example of how this balance could be broken was discovered when the cactus was imported to Australia several years ago. In a very short period of time, thousands of acres of prairie land had been ruined by the plant because the cactus caterpillar was not present to maintain this biological balance.

Therefore, when you see a soft-bodied, naked, and nearly limbless worm, don't step on it; remember it may be a "cactus caterpillar."

with the Agricultural Adjustment administration.

Agents Carry Out Program.

Nebraska maintains on the average about 90 agricultural agents and assistants working in counties or districts throughout the state. All of them are working under county extension organizations, set up to give a complete extension program with the men, the women, and the boys and girls of the farms in Nebraska. All these agents carry on an educational program in connection with the agricultural conservation activities as a part of their extension work.

Extension Service Helps Plan Defense Production

In connection with the present emergency defense program, the extension service of the University of Nebraska plays an important part in assisting farmers set up their plans for maximum efficiency in the production of the much needed food materials.

Present aims of the extension service are to encourage farm products that are much in demand such as poultry products, beef, pork etc. and discourage surplus products.

Thru the extension service, the innumerable farm agencies carry out their program to the farmer, either directly or indirectly.

Brokaw Key Man.

The central-organization of the Nebraska extension service is headed by Director W. H. Brokaw and Assistant Director H. G. Gould.

Under these men are administrative assistants working on programs of organization and methods in agriculture and home-making and on a boys and girls 4-H club program. In addition a group of specialists in various lines of agriculture and home economics is provided.

These specialists devote themselves to state-wide work along their respective lines, thru lectures, demonstrations, correspond-



Courtesy Lincoln Journal.
W. H. BROKAW
... Heads Extension Service

ence, and the preparations of bulletins and circulars.

A state extension agent in agricultural conservation represents the office of the state director of extension in the state office of

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the Agriculture Conservation association. His time is given to the preparation and supervision of educational programs in connection

Grad Exchanges Music for Army, But Not for Keeps

Having exchanged his trumpet for an army scout car, Private R. C. Buddenberg, formerly prominent in musical entertainments and dramatic activities at the university, is now a selectee at the cavalry replacement training center at Fort Riley, Kas.

Buddenberg performed in numerous Cornhusker concerts as a student at Nebraska, and won several music scholarships. In addition to the trumpet, he also excels at the French horn, baritone horn, and organ. At the university Buddenberg received instruction in the technique of organ-building.

He has already begun to take part in replacement center musical entertainments although he has only been here two weeks.

He will receive basic instruction in motors, weapons, and combat work, and at the conclusion of his 13-week training period will be sent to a permanent garrison in the mechanized cavalry.

The University of Kansas is planning an enlarged program for its Student Union this year. Featured on the present schedule are free bridge lessons.

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