

The Minnesota Daily

Summer Session Edition

University of Minnesota, Wednesday, August 6, 1941

Dr. Ancel Keys' 'Guinea Pigs' Undergo Ration Tests Today

By Bill Krueger

That an army travels on its stomach is literally true, at least in the laboratory of Dr. Ancel Keys, professor of physiology and physical education, who has prepared a food ration for use in the army, especially in the parachute and tank corps. Tests with the ration are being conducted this week at Ford Snelling.

A selected group of men march 15 miles with full pack and eat the experimental ration for their meals. Two officers of the post accompany them incognito to determine how the ration works out with the men. The men marched 15 miles Monday, another 15 yesterday and today will trudge into Dr. Keys' laboratory for a thorough examination.

Work on the new ration started about a year ago with authorization of the war department and was to test the supercharging of vitamins in relation to the fatigue of mobile army units. This ration combines the content of the German "courage" tablet with dried foods sufficient to supply every need of a physically active man.

"In working out the ration we ran into several difficulties," Dr. Keys said. "Last March we received sample rations from the quartermaster's corps of the army, BUT THESE WERE DEFICIENT IN SEVERAL RESPECTS AND THE MEN WOULD NOT EAT THEM."

"In the second place, there was too much fat content in the usual ration. We had to strive for more caloric content. People thought of the ration in terms of the food used on such trips as the Byrd polar expeditions, and, of course, there is very little comparison. We wanted

DR. ANCEL KEYS

(Continued on Page 2)



Training of future University fliers will be held on this 250-acre tract if approval of the site of the proposed University airfield is granted by the state aeronautics board. The field is located at the junction of state highway Number 8, the Forest Lake cut-off and county road J near the New Brighton small arms plant under construction by the Federal government.

U. Will Seek State Board Approval for New Airport

Approval of a 250-acre tract of land north of New Brighton to be developed as a University air field will be sought from the state aeronautics board at a board meeting in the near future, T. L. O'Hern, attorney in charge of real estate matters for the University announced yesterday.

The University will seek approval at a hearing to be held under the direction of Stanley Hubbard, head of the state aeronautics board. The move is necessary because all private airports in the state must first receive the state's sanction.

An outright deed to the land

was given the University last April on the land bought by American Aviation Inc. to be improved as a large commercial airport.

Little has been done yet on actual physical construction of the air field that will include runways, administration building and hangars, but plans have been underway since the inception of the air port by the aviation company and the University aeronautical department under John D. Akerman, professor of aeronautical engineering. Ae-

ronautics students will be permitted to use the field for training.

At the end of 30 years the property, including land and all improvements, will go to the University without cost. Valued at approximately \$100 an acre, the land alone constitutes a gift of some \$25,000.

The new field is near the junction of state highway Number 8, the Minneapolis-Forest Lake cut-off, and county road J. It is about equidistant from the Minneapolis and St. Paul airports.

Location of the airport is in close proximity to the new small arms and ammunition plant being constructed by the national government.

NOT COMMENTING PARTICULARLY ON THE TWIN CITY ORDNANCE PLANT, A FEDERAL GOVERNMENT SOURCE SAID YESTERDAY THAT PREVIOUSLY AREAS SURROUNDING SMALL ARMS PLANTS HAVE BEEN DESIGNATED BY THE GOVERNMENT AS RESTRICTED FLYING ZONES.

When questioned about whether University plans will go ahead as usual, Professor John D. Akerman, head of the aeronautical department, said, "SURE, WHY NOT?"

Although construction on the federal project began this week, the proposed airport location has not been questioned.

Air field plans will go ahead as usual, according to Attorney O'Hern.

"University facilities for both aviation research and training would be greatly increased by the

U. AIR PORT
(Continued on Page 3)

Coeds Form Club to Aid Silk Conservation Plan

● Students, U. Employees Pledge Solves to Cotton Stockings

Announcement Of Silk Shortage Jams City Stores

By Marge Searing

The government's recent announcement that raw silk may be used only for national defense products has made women sit up and take notice.

TWIN CITY HOSIERY COUNTERS HAVE BEEN JAMMED WITH CUSTOMERS SINCE THE ANNOUNCEMENT WAS MADE.

Most stores have put a limit of three pairs of silk hose for each customer so that their stock won't run out, too. The limit creates an important problem for University coeds.

At present coeds will probably keep their legs evenly tanned and go bare-legged as they have been doing for the past few weeks. But when winter comes they may have to wear cotton substitutes.

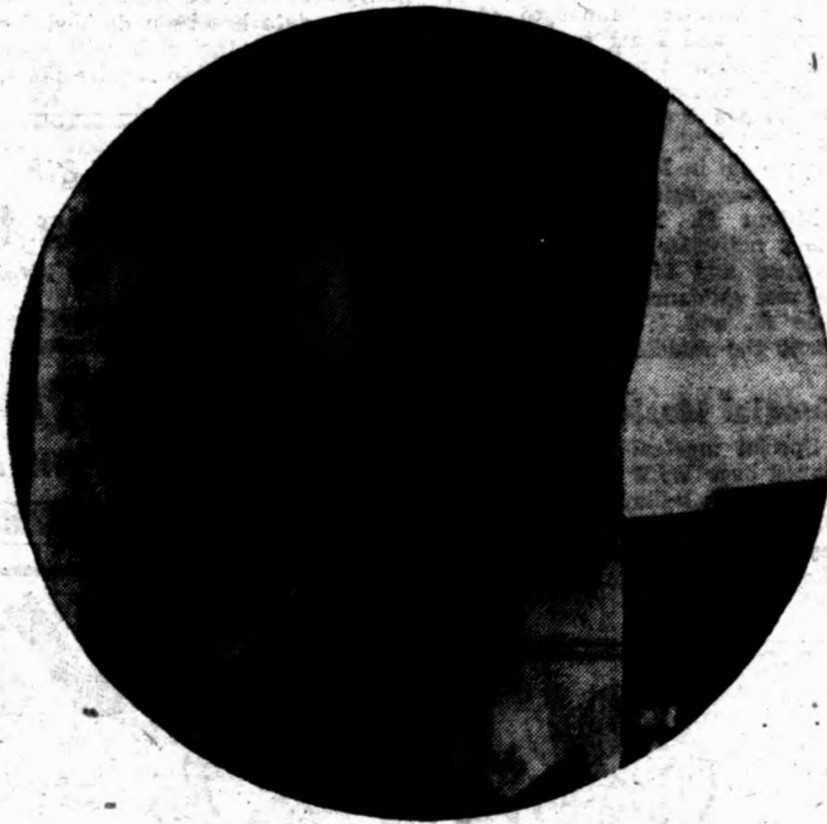
Vari-colored cotton hosiery to match the costume of the day is a possible solution.

Hosiery experts claim NO ATTEMPT WILL BE MADE TO MAKE THE COTTON HOSE LOOK LIKE SILK, but conservative coeds who want silk-appearing hose may buy nylon, which will still be available.

Some coeds will prefer ankle socks all winter, using one pair of nylons for formal occasions, but the wise coed has already bought her limit of three pairs in several stores so that (if she is careful) her supply will last all winter.

Badminton Today

A session of badminton instruction and play will be directed by Ralph A. Piper, recreation director, from 3 to 5 p. m. today in Cooke hall gymnasium.



Are we going to see any of these sheer silk stockings on the campus this fall?

'We'll Shed a Silk For Uncle Sam,' 9 Members Say

"If the government needs them, it's OK by us."

So said a group of University coeds who got busy yesterday to make a united effort to do what they could to help Uncle Sam along with his program to conserve silk.

THEY HAVE FORMED A CLUB WHICH THEY CALL THE "SHED A SILK FOR UNCLE SAM" CLUB. MEMBERSHIP IS NOT RESTRICTED.

Faced with a shortage of silk hose and seeing reports that old silk stockings are becoming valuable in the eyes of the federal government, six coeds and three University employees decided to do what they can to support the government's program.

Members of the organization are Helen Malsed, Hazel Kaiser,

SILK STOCKINGS
(Continued on Page 2)

U. Continuation Course Probes Problems of Industrial Health

"Germs sabotage workers!" might be the slogan of industrial workers, physicians and welfare leaders who have been taking a 3-day lecture course ending today at the Center for Continuation Study to find out what to do about it.

"Health Problems in Industry" is the official title of the course that considered prevention and disposition of sick employees and the problems of a worker who is ill while employed.

The common cold is the greatest disease of industry, with "mankind's major complaint"—indigestion—a close second. There was a study of proper management of the complaints.

Occupational Dermatitis—sensitivity to chemicals—is the cause for one-third of the sickness peculiar to industrial workers, the students were told.

The study also included care of feet, training and qualifications

of the industrial nurse, and benefits of an industrial health program.

One of the suggestions was concerning the nutrition of the worker—an important factor in obtaining maximum efficiency from employees.

Subjects for discussion were selected by a survey to learn what problems were most bothering the people for whom the course was designed—the industrial nurses.

Evangelical League Will Meet Today

"Can the Church Survive the Crisis of 1941?" will be the subject of an address by the Reverend Arley L. Bragg at noon today in room 343 Union.

Sponsored by the League of Evangelical students it is first in a series of meetings on the subject for second summer term.

Mr. Bragg recently attended a young peoples conference at Cisco Beach, Lake Geneva, Wisc., and is leaving next week for Geneva, Colo., for another conference. Earl Loomis, Arts sophomore, is in charge of today's meeting.



The Rev. Bragg

New Zealand Is Topic Tomorrow

Bathie Stuart, a New Zealand interpreter, will present an illustrated lecture on "New Zealand in the News" at Convocation at 11 a. m. tomorrow in Northrop auditorium.

Presenting a program of films, she will describe the legends of

Clyde Stephens, assistant professor of music, will play a program of organ music preceding the Convocation at 10:30 a. m. tomorrow. He will play "Dreams" by Gilmant and "Prelude to the Blessed Damsel" by DeBusay.

the Maoris, native people of the sub-equatorial Dominion.

Miss Stuart's lectures have been endorsed by the New Zealand government, and she relates the story of the development and progress of the dominion, illustrating her legends with interpretations of native folk-songs, chants and dances from Maori villages. She will wear the native costume.

Bathie Stuart is the only white woman who interprets the tribal songs of the Maoris, and has travelled extensively giving her presentations.



Miss Stuart Lectures tomorrow

Abe Pepinsky Will Direct 2 Concerts Today

Two concerts will be given today by symphony orchestras under the direction of Abe Pepinsky, professor of music. One will be at 3 p. m. in the WLB studios in Eddy hall and the other at 8 p. m. in Northrop auditorium.

Barbara Scott, Arts junior, will be guest piano soloist at the concert by the Minnesota Symphony orchestra in the evening. She is head of the music department, the daughter of Carlyle Scott, and will play the same concerto she played for the May convocation.

The concert program will include "Overture to 'Euryanthe'" by Weber, "Symphony No. 2" by Beethoven and concerto for piano E flat major" by Liszt with Miss Scott as soloist.

Chamber music will be played in the afternoon concert with Professor Pepinsky directing the University Symphony orchestra.

Unusual opportunity for professional experience is offered music students who can play unusual instruments with the Minnesota Symphony orchestra.

Because of lack of players for the oboes, flutes and trumpets, University students will play these instruments which are essential for a balanced orchestra in the concert at 8 p. m. today in Northrop auditorium. The students are non-certificated members of the orchestra.

A Climber

Dean Williamson To Visit West

Throwing snowballs and keeping cool will be the object of a vacation which started recently for Edmund G. Williamson, dean of students, and his family.

"The vacation is not to exceed 3 weeks, and I am going to pick out the highest peak in the Rocky mountains for the stay," Dean Williamson smilingly said before he left. "I'll throw snowballs at the people in Minneapolis to keep their temperatures down."

Milton E. Hahn, director of men's activities, is on a leave of absence and is teaching personnel and guidance courses at Colorado A. and M. He will return about the middle of August.

Special Music

Special musical numbers to be played over WLB today are Wagner's "Senta Ballad" at 11:50 a. m., Sibelius' "Lemminkainen's Journey" at 12:45 p. m., and Berlioz's "Roman Carnival Overture" at 1:45 p. m.

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CONVOCATION ADDRESS

Miss Bathie Stuart will speak at Convocation on Thursday, August 7, 1941, at 11 o'clock, in Northrop Memorial Auditorium. The title of her address is: "New Zealand in the News" (illustrated). Professor Clyde Stephens will present a program of organ music beginning at 10:30.

SPECIAL LECTURE

Speaker: Bruno Schonfeld. Subject: "Conditions of a Future Peace." Mr. Schonfeld will speak at 8 p. m. in the Museum of Natural History. He is a former lecturer at the University of Vienna.

STUDENTS' HEALTH SERVICE

Dispensary open from 8:00 a. m. until 4:30 p. m. daily except Saturday. Saturdays and Sundays emergency care only may be obtained by application to the University Hospital Admission Department. Summer session students desiring complete health examinations should make appointment as soon as possible at the main desk in the Health Service. These examinations are compulsory for graduating seniors in the College of Education who expect to receive a Teacher's Certificate. The Dental Department of the Students'

Health Service is in operation during the summer session. Students desiring dental work done should make appointments promptly in room 16, Students' Health Service building.

Ruth E. Boynton, M.D., Director.

CHANGE IN DATE OF LECTURE BY NORMAN THOMAS

The lecture by Mr. Norman Thomas on "Making Democracy Work," listed in the schedule of special events for the second term of the Summer Session for Monday, August 11, has been changed to Wednesday, August 13, at 8:00 p. m., in the Auditorium of the Museum of Natural History. Thomas A. H. Teeter, Director of the Summer Session.

EXCURSION

Excursion Wednesday, August 6. This excursion will include a tour of the famous Walker Art Galleries and the new Idea House. A fee of 10c is charged for the latter. The group will meet at the Administration Building at 2 o'clock or at the Gallery, Hennepin and Lyndale, at 2:15.

Ralph A. Piper, Director of Recreation.

RECREATIONAL SWIMMING FOR WOMEN

Hours for the Recreational Swimming in the Women's Gymnasium have been changed from 12:00 to 12:45 Monday through Thursday to 4:30 to 6:00 Monday through Thursday. This will be open to all women students, faculty members, and non-academic staff members. A fee of 10c for rental of suit and towel will be charged.

Gertrude M. Baker, Acting Director, Physical Education for Women.

LIBRARY NOTICE

The number of applicants for library privileges who are not connected with the University in any official capacity is increasing to such an extent that the work of the regular students is at times being handicapped. It is becoming necessary to insist that all such applicants must bring with them a statement from some faculty member in their field of study, making specifically that such library privileges be granted. Faculty members are requested to determine as far as possible whether such special privileges should be granted to the persons they sponsor.

Frank K. Walter, University Librarian.

COLLEGE OF EDUCATION Candidates in General School Administration

All M. A. candidates, majoring in general school administration, who expect to finish their work at the close of the second half of the 1941 Summer Session are required to take the written comprehensive examination at 1:00 p. m. on Monday, August 18, 209 Burton Hall.

All candidates who wish to take the examination should report as soon as possible to Room 224, Burton Hall, so that their records may be checked and arrangements made for the examination.

M. G. Neale, Professor of Education.

M. A. Examinations

Comprehensive examinations for majors in secondary administration, curriculum and instruction, who expect to complete the requirements for the M. A. degree the second summer session, will be held Monday, August 18, 1941, at 1:00 p. m. in the Burton Study Hall. Arrangements for taking these examinations must be made with Mr. Boardman, 218 Burton, before the date of the examinations.

C. W. Boardman, Professor of Education.

Silk Stockings . . .

(Continued from Page 1)

Elsie Person, Jean England and Joyce Stiller, summer students, and Mary Hamilton, Wilma Sivertsen and Marion Ebeltoft, Union employes.

"WE MAY HAVE TO WEAR ANKLETS OR WE MAY HAVE TO GO BARE-LEGGED FOR A WHILE—BUT, ANYWAY, FOR UNCLE SAM'S SAKE, WE WILL GET ALONG WITHOUT SILK STOCKINGS," THE COEDS PLEDGED.

"As long as everyone will be wearing the new cotton hose next winter, it won't bother us to make the change," they decided.

Now that the men are actively helping Uncle Sam in his national defense program, the coeds want to do their part too.

The silk hosiery supply in department stores can last only about 2 weeks long, so it is evident that silk stockings will soon be a thing of the past.

Hazel Kaiser, president of the newly-organized club, said that no definite date has been decided for meeting, but the club will soon draw up membership requirements.

Dr. Ancel Keys . . .

(Continued from Page 1)

something that could stand extremely high temperatures as well as very low temperatures.

"Another difficulty entered when the taste of the ration was not satisfactory. Not only must the hunger of the soldier be satisfied, but the ration must have a good flavor so the men will eat it."

The total ration for one day weighs 28 ounces and comes in three separate packets corresponding to the three meals every day. The meals include a small can of ham, biscuits, a tube of bouillon, a square of dextrose sugar and a stick of gum. The dextrose is the principal ingredient of the "courage" tablet.

"If the tests conducted this week are successful, the next problem will be to try the ration on air-borne troops," Dr. Keys said. "Satisfactory showings must have the men on the ration in as good condition as the men who are living on the regular food at Fort Snelling. We are using a control group from Fort Snelling to indicate differences between the men on the ration and those eating the food of the post."

"There is a great deal of urgency connected with the ration experiment," Dr. Keys said. "We must have the meal prepared by next month on order from the army. It will be tried on 5,000 men at that time who will participate in extensive maneuvers."

Newsreel

- Flying Lessons
- War Headlines

The audience will get a flying lesson at the Newsreel theater today in Northrop auditorium.

In a Pete Smith film novelty, a student pilot goes on a flight which serves as primer for would-be flyers in the audience. Expert stunt flying of the hair-raising variety is included.

Speeding at 400 miles an hour, the new United States fighting plane "Aircobra" engages in target practice at Selfridge, field, Mich., as the headline article of the News of the Day.

Several famous paintings in Laguna Beach, Calif., will also be included. War headlines will include the British honoring defeated Italians in Ethiopia, the Duke of Kent inspecting the R. A. F. in Canada and Mrs. Winston Churchill visiting the American Eagle club, in London, a group of Americans fighting for Britain.

The second short subject will deal with athletes in the making. Pictures taken at Springfield college, school devoted to physical education, shows students in classes, training and going through the rigid routine which the school sets for students. The film ends with students in formations exemplifying the spirit of health.

Movietone News will include a speech by Wendell Willkie urging more speed in defense work, a new cruiser being launched at Quincy, Mass., and President Roosevelt placing the Phillipines armed forces under the command of the United States.

Concluding the program will be pictures of folk dancing instruction in the Union. The pictures in color were taken during the first summer term.

Newsreel showings will be at 1, 2 and 3 p. m.

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The World's Largest College Newspaper

Summer Session Edition

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by Virginia Cowles

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The Arthur Murray Studios are offering a special 20% reduction to U. of M. students for a short time. Here is your chance to learn how to dance beautifully, and save money as well. Every Arthur Murray teacher is trained to teach beginners to dance with ease and confidence in but a few private lessons. The studios are open from 10 to 10 and are completely air-conditioned. Come in TODAY!

ARTHUR MURRAY STUDIOS
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Beavers, Lions and Birds Haunt U. Museum

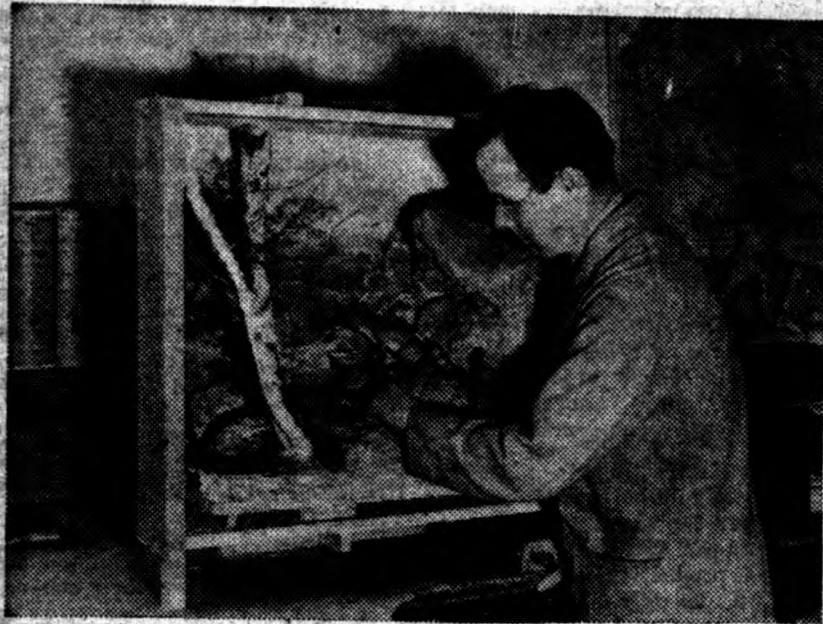
By Jean Reynolds

No, no, no! The staff of the Museum of Natural History does not get up with the birds every morning and scrub the building like mad to keep it looking so clean. It stays that way all by itself.

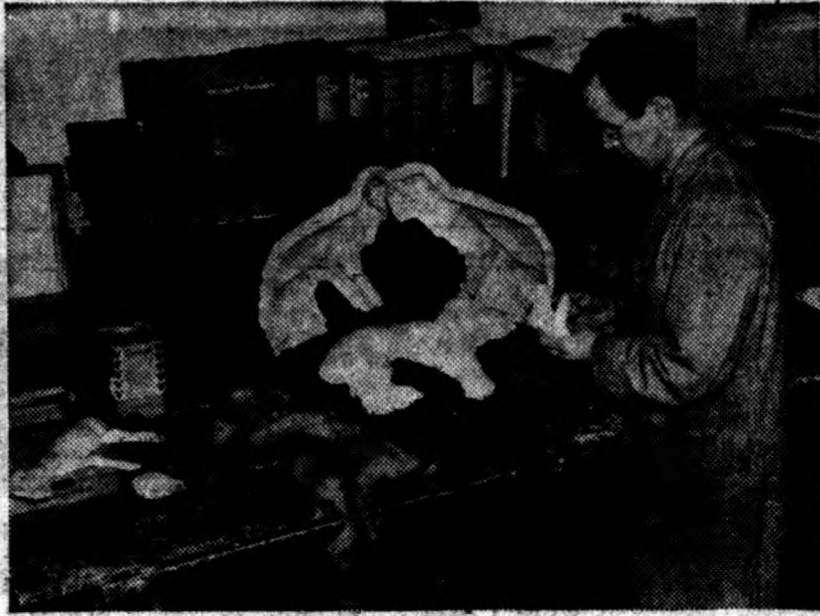
That's because the shiny stone is Indiana limestone. The animal friezes outside were done by Samuel Bell, son of James Ford Bell, whose gift of \$252,000 made the building possible. That plus \$150,000 from the PWA.

TO MAKE THE INSIDE AS CHEERFUL AS THE OUTSIDE, ONLY ONE CLASSROOM WAS INCLUDED IN THE BUILDING.

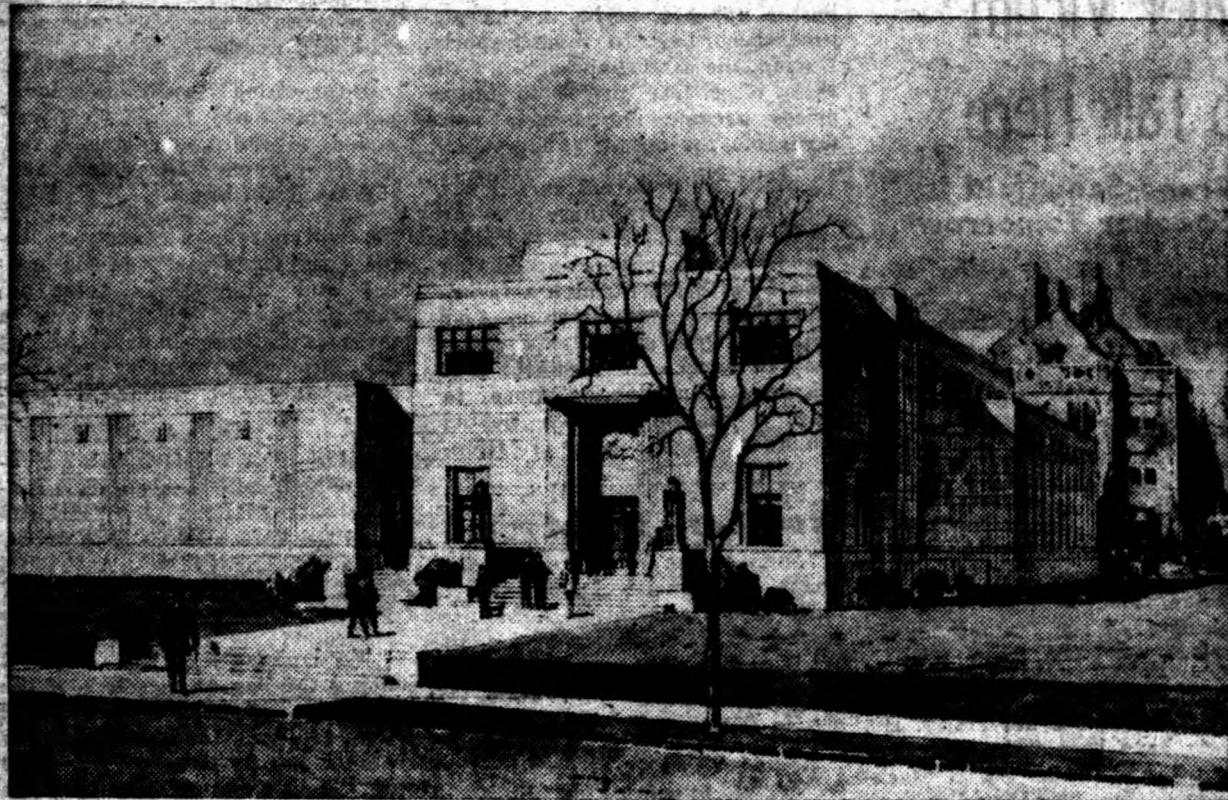
There is a laboratory work-



Here a staff assistant is carefully arranging the terrain of the exhibit to closely resemble native surroundings.



Part of the delicate work that must be done before an exhibit is started is shown here. This is only one of a long series of steps that must be completed before the exhibit can be seen by the public.



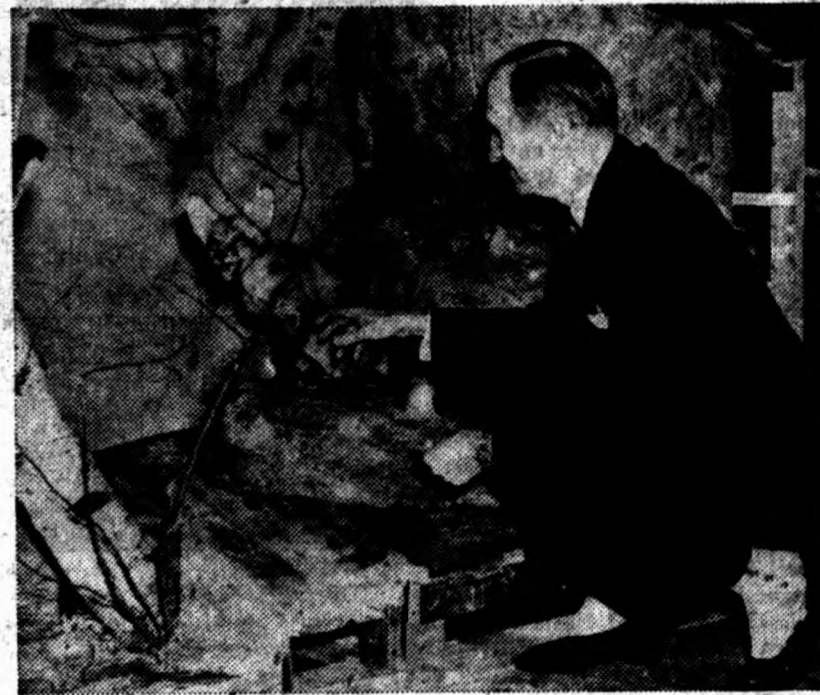
This is the stately new Museum of Natural History. Money for the building was given by James Ford Bell and the PWA... It is open every day to visitors.

room connected with the room where nature-loving students study Minnesota birds and small animals. The fowl and fauna are arranged in drawers around the room.

All mounting and stuffing is done by W. J. Breckenridge, Museum curator and preparator.

One of the Museum's most cherished possessions is the red-throated loon, gift from Duluth State Teachers college. It is the only authentic record of such loons in the state.

The auditorium on the main floor is equipped for sound movies. The walls are panelled with sapeli wood from Africa—a weird, zebra-



This fox already looks very alive on his "cliff" of plaster and wire, but the work has just begun. William Kilgore, museum curator, will have to assemble three more foxes, flowers, grass and bushes, and see that a background is painted.

striped wood. The auditorium can be cut off from the rest of the building for all-University functions unrelated to natural history.

Another attractive place is the reception room for speakers and openhouse guests. It is a small room off the main lobby.

The large natural habitat groups—bears, caribou, deer, beavers—have already been mentioned, but there are smaller groups just as interesting.

One of the most outstanding is the view of the beaver inside his hut. It is especially fascinating to see the inside, because practically everyone has seen the outside of one of the huts.

The Museum is open to visitors every day from 8:30 a.m. to 4:30 p.m. and Sundays from 2 to 5 p.m. There is no admission charge, and someone is always present to act as a guide and answer questions.



Using actual specimens students examine, compare and identify birds. Here Thomas S. Roberts, museum director, helps Donald Smith identify a duck; Harold E. Foote busily studies his stuffed bird.

WLB Will Have Two U. Gallery Programs Today

The University gallery will broadcast two programs on circulatory exhibits over WLB this week.

State wide exhibitions for secondary schools will be the topic of the broadcast at 4:15 today. It is a series of 10 exhibitions to be circulated over a 9 months period. Included are "What Is Art" and "Pacific Life," a series of maps by Miguel Covarrubias shown at the San Francisco World's fair.

On the broadcasts principals, superintendents and high school teachers will learn how to borrow exhibits for schools and are given descriptions of materials included in the exhibits.

"Art Materials for Study Purposes and Smaller Exhibitions" is the subject of the broadcast at 11:15 p. m. Saturday. Violet Smith, Graduate student, is in charge.

Fourth Excursion To Visit Gallery

The fourth excursion, starting from the Seventeenth avenue entrance of the Administration building at 2 p. m. today, will be a visit to the Walker Art gallery and the Idea house.

Paintings of the masters will be seen at the gallery, and new ideas for furnishing, construction and equipment are in the Idea house. A charge of 10 cents a person is made for the trip through the Idea house, but there is no admission price for the art gallery.



- TODAY**
- 8:00 a.m.—Bulletin board.
 - 8:30 a.m.—Roussel Symphonietta.
 - 9:00 a.m.—Morning concert.
 - 9:30 a.m.—Sign off.
 - 10:30 a.m.—Midmorn markets.
 - 10:45 a.m.—Homemakers hour.
 - 11:00 a.m.—National defense.
 - 11:45 a.m.—Senta's ballad.
 - 12:00 noon—Sibelius.
 - 12:15 p.m.—Newscast.
 - 12:30 p.m.—Minnesota symphonic band.
 - 1:00 p.m.—Hospital service.
 - 1:15 p.m.—Early music.
 - 1:30 p.m.—Library footnotes.
 - 1:45 p.m.—Roman carnival.
 - 2:00 p.m.—Afternoon novel.
 - 2:30 p.m.—Afternoon concert.
 - 3:00 p.m.—Chamber music.
 - 4:00 p.m.—Bookshelf.
 - 4:15 p.m.—Art gallery.
 - 4:30 p.m.—Debussy songs.
 - 4:45 p.m.—News sidelights.
 - 5:00 p.m.—Cello sonata.
 - 5:30 p.m.—Story book time.
 - 5:45 p.m.—Meet the faculty.
 - 6:00 p.m.—Dinner concert.
 - 6:45 p.m.—WLB playhouse.
 - 7:15 p.m.—Sign off.

- TOMORROW**
- 6:30 a.m.—Early risers.
 - 6:50 a.m.—Farm hour.
 - 7:00 a.m.—Sign off.
 - 10:30 a.m.—Midmorn markets.
 - 10:45 a.m.—Child welfare.
 - 11:00 a.m.—Convocation.
 - 11:45 a.m.—Melodies.
 - 12:00 noon—Opera selections.
 - 12:15 p.m.—Newscast.
 - 12:30 p.m.—Sign off.
 - 1:30 p.m.—Emma Darmstadt.
 - 1:45 p.m.—Clock store.
 - 2:00 p.m.—Afternoon novel.
 - 2:30 p.m.—Afternoon concert.
 - 3:15 p.m.—News background.
 - 3:30 p.m.—Sign off.

Pastor Dies

Dr. H. H. Frost, who served as pastor-director of First Methodist church and Wesley foundation from 1921 to 1929, died at his home in San Francisco recently after a short illness. Mrs. Frost will remain at 2237 Cecelia avenue, San Francisco.

A student mathematician announces there are 305,259 bricks on the outside of the seminary building at Mount Angel college.

Two U. Press Men Make Travel Plans

Two University press representatives were on campus Monday to make arrangements to travel to Japan and New England to sell "The Doctors Mayo" by H. B. Clapesattle to be released November 17.

Henry M. Snyder, who sells University press books in Japan, China, Mexico, Central America, South America, Hawaii and the Philippines, will join his partner in Japan.

George W. Stewart has completed his Middle West coverage and is now on his way to New England.

U. Air Port . . .

(Continued from Page 1)

new airport," Professor John D. Akerman, head of the aeronautical department said. "Coming at a time when aviation is so necessary to national defense, it is of special importance."

Present crowded conditions at Wold-Chamberlain airport, where student pilots are forced to compete with expanding navy and army units and operation and servicing of commercial planes, will be relieved by the new field.

According to Professor Akerman, airplane engineers and mechanics would also benefit greatly from the development which he calls "A NOTABLE ADVANCE STEP FOR LOCAL AVIATION RESEARCH AND TRAINING."

Construction of four concrete runways and erection and equipment of hangars and other service buildings was to get underway in early May.

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No Milk Shortage Danger, Dankers Says

By Donabeth Johnson

The clatter of milk bottles on doorsteps will continue to awaken American homes every morning in spite of increased demands for dairy products.

"We need have no fear of milk shortage as result of aid to Britain," Dr. William H. Dankers, as-

sistant professor and extension economist in marketing, had said this week.

HIS CLAIMS ARE BASED ON NEWLY RELEASED FIGURES OF DAIRY PRODUCTION AND CONSUMPTION.

"Dairy farmers are obviously

responding to the call of the government for increased production of dairy products under the food-for-defense program," Dr. Dankers said. "Production of manufactured dairy products has increased substantially for the first 5 months of the year."

Total production of the principal manufactured dairy products was 9 per cent larger than a year earlier, with a 7 per cent increase in butter production and an 11 per cent increase in production of both cheese and evaporated milk.

All previous records for total production of manufactured dairy products were shattered in May when production was 14 per cent higher than in May, 1940.

The American dairy industry is well able to take care of additional production for exports and at the

same time handle increased demand in the United States. IF ONE-HALF THE EXPECTED INCREASE FOR THE YEAR IS DIRECTED TO PRODUCTS FOR BRITAIN, THE DEMAND WILL BE MET.

Dr. Dankers pointed out that defense demands are stressing cheese and evaporated milk because these foods are condensed and easily transported without spoilage.

The request of the government, he said, was to increase American cheese production by one-third and evaporated milk production by one-fourth.

"It is interesting to note that evaporated milk production was up 23 per cent in May more than a year ago," Dr. Dankers added. "Cheese production, on the other hand, was up only 14 per cent and butter 12 per cent."

The desired shift to the production of cheese and away from butter appears to be in the picture, according to June reports. During the first part of July the ratio of cheese prices to butter prices became increasingly more favorable for cheese production.

"With an apparent sufficiency of plant capacity, there is every reason to believe that the shift to increased cheese production can be effected through a favorable price relationship for cheese," Dr. Dankers said. "Canadian experiences indicate that changes in production appear to lag a month or two behind changes in the price relation-

ship of cheese and butter. In the United States prices of both butter and cheese during June were the highest for the month since 1929."

That current demands for dairy products have been fairly well met is indicated by abundant stocks of dairy products. Butter stocks on July 1 were up 48 per cent and cheese up 25 per cent a year ago.

MILK PRODUCTION ON A PER-COW BASIS IN JULY WAS ABOUT THE SAME AS A YEAR AGO, BUT WITH 2 PER CENT MORE COWS THE TOTAL MILK PRODUCTION JULY 1 WAS 2 PER CENT HIGHER THAN A YEAR EARLIER AND THE HIGHEST ON RECORD FOR THAT DATE.

To economists, an important guide as to whether they can expect heavy or light feed crops is the butterfat-feed ratio, quantity of feed grains equivalent in price to 1 pound of butterfat. This year the most favorable June ratio since 1926 was reached.

Information available indicates that dairy farmers can respond to the government's request by good management and increased feeding.

It will not be necessary to increase the fixed assets in the business and thereby, in some instances, incur debts that over a longer period may have to be met with income from dairy products considerably lower than at present.

"THIS IS A TEMPORARY SITUATION," DR. DANKERS EXPLAINED. "HERE ON THE AG CAMPUS WE ARE CONCERNED WITH PRESENTING A TRUE PICTURE TO THE DAIRYMEN OF THE STATE,

"We don't want to see them left holding the bag at the close of the war because of over-expanded herds, equipment and farms. Dairy farmers are in the same spot as wheat growers were in during the first World war."

"While prices most likely will continue to be favorable as long as industrial activity stays at the present high level, he said, the added investments tempting geared-to-war-time producers are not justifiable from a long-time point of view.

SPORTS-KASTING

With Bill Kastelz

SIXTY-FOUR THOUSAND limp fans left Memorial stadium on a bleak, rainy day last fall after watching Minnesota hammer down Michigan in a battle of might between the two Titans of United States football. It was a gridiron battle of such proportions and prominence that the Gopher triumph not only rocked the football world, but set it on its ear.

Key roles in the drama that unfolded before the eyes of the packed stadium went to the Gophers' own George Franck and the then still embryonic cinema star, Harmon of Michigan. Twice before the Gophers had frustrated attempts by the great Harmon to take matters into his own hands and score a personal as well as a team triumph over Minnesota.

Today the fans watched Harmon stopped for the third straight year.

If there was any individual glory to be split between the two rivals, it had to be conceded that the major part was Franck's. Minnesota went on from there to win the national championship. Franck and Harmon went on to all-America ratings.

But the question which the followers of both teams had kicked around for 3 long years was still unanswered.

WHO IS A GREATER FOOTBALL PLAYER — GEORGE FRANCK OR TOM HARMON?

★

This week the balloting for positions on the all-star collegiate football team, which will meet the Chicago Bears in Soldiers field, closed. Harmon and Franck were the two top halfbacks, said the battle of ballots.

Both garnered over a million votes. Both will start the game. Who ever dreamt that some day they would both be playing in the same backfield, one the same team—as team-mates, not opponents?

Both will have their own personal blockers. Evashevski will clear the way for Harmon—Paffrath will be Franck's convoy.

★

The best football players money can and did buy will form the opposition for these two players. The Chicago Bears, who humiliated the Washington Redskins, 73-0, for the professional championship of the world last fall, will be what both men will be up against.

WHAT COULD BE A MORE ACCURATE FINAL ANALYSIS OF THE COMPARATIVE TALENTS OF GEORGE FRANCK AND TOM HARMON?

Whatever happens, it ought to



George Franck Greater than Harmon?

be one of the most interesting sidelights on any all-star game since the inauguration of the idea 8 years ago.

I always had the idea that there wasn't a football player in the country who surpassed George Franck. I doubt if the all-star game will change this opinion.

★

While on this subject—I wonder if anybody ever considered stacking the national champion collegiate team against the champion pro team each year.

They may rave all they want about the famed "T" formation that carried the Chicago Bears to the championship of the professional loop last fall, but it would take a lot of convincing to get a lot of people to believe that have no more chance than the last fall's Minnesota Gophers proverbial snowflake in Hades against the dollar players.

Again the question comes up—what would be a bigger factor in determining the winner—the Maroon and Gold that the Gophers play for—or the silver and gold that the Bears play for?

What's Doing

TODAY

- 1:00 p.m. to 2 p.m.—Newswheel theater, Northrop auditorium.
- 2:00 p.m.—Excursion to Walker Art galleries and the Idea House.
- 3:00 p.m.—Chamber music, University Symphony orchestra, WLB studio, Eddy hall.
- 3:00 to 5:00 p.m.—Badminton instruction and play, Cooke hall.
- 4:15 p.m.—University gallery art broadcast.
- 8:00 p.m.—Concert, Minnesota Symphony orchestra. Soloist: Barbara Scott, pianist, Northrop auditorium.

TOMORROW

- 11:00 a.m.—Convocation, "New Zealand in the News" (illustrated) by Bathie Stuart, Northrop auditorium.
- 3:00 to 5:00 p.m.—Folk dancing, union ballroom.
- 8:00 p.m.—Lecture, "Conditions of a Future Peace" by Bruno Schonfeld, Museum auditorium.

Hitler Victim To Talk Here

Bruno Schonfeld Is Speaker Tomorrow

Bruno Schonfeld, victim of a period of Hitler's "protective custody," will lecture on "Conditions of a Future Peace" 8 p. m. tomorrow in the Museum auditorium.

Mr. Schonfeld formerly was chairman of the Austrian Peace society and members of the International Peace council.

He was a practicing lawyer in Vienna at the time of the Nazi invasion, and held in "protective custody" for 3 months.

Since February, 1940, he has been lecturer in the extension division of Columbia university. His subjects have been "The Sociology of War" and "The Social Backgrounds of the Two World Wars."

The last two summers Mr. Schonfeld has been lecturing at the Stillwater Community college.

Blegen to Address Missouri Exercises

Theodore C. Blegen, dean of the Graduate school, will give the University of Missouri summer session commencement address Friday night. The topic of his address is "Challenge to Scholarship."

More than 1,000 graduates and 50 teaching staff members from McGill university, Montreal, are engaged in war service.

WANT ADS

PASSENGERS WANTED—

PASSENGER WANTED—Driving to Sheldon, Iowa, via Mankato, Sibley, each Friday p.m.—return Sunday night. Call MA 5020.

WANTED—

WANTED—Teachers in all fields for good positions for fall. Minnesota Teachers' Service, 1254 Plymouth Bldg., Minneapolis. AT 1480.

FOR SALE—

FOR SALE—Upright mahogany piano, ex. condition. Will consider swap for small desk or radio. Call KE. 2595.

POSITION WANTED—

THESIS typist, 5 years experience. Miss Vincent Holcomb, 524 14th av. S.E.

Summer Closeouts

Fall Needs

The Liquidation Sale

Will Continue At

Standard's University Store

1407 University Ave. S. E.

Slacks—Suits—Topcoats



Campus Men...

Your Union Barber Shop will remain open through the summer. For complete summer hair care, remember Gene, Frank, George and Harold, your campus hair specialists.

Union Barber Shop
Ground Floor... Coffman Union

Can the Church Survive the Crisis of 1941?

Hear Arley L. Bragg

Popular young people's speaker, radio pastor, discusses this timely subject of universal interest.



Today—12:00-12:45

Room 343 Minn. Union