

THREE HUSKER TRACK STARS TO COMPETE AT CHICAGO JUNE 19-20

Francis, Jacobsen and Cardwell to Try for Olympic Berths.

Three members of Nebraska's undefeated track and field squad to leave soon for Chicago where they will participate in the National Collegiate meet to be held on Friday and Saturday, June 19 and 20. The three athletes include Harold Jacobson, Sam Francis, and Lloyd Cardwell.

Francis and Cardwell are at the present in Fort Crook where they are attending the Reserve Officers Training Camp. Both are expected to break camp Wednesday evening in order that they may appear in Chicago as Nebraska's representatives.

Possibilities of Nebraska's strength was displayed by Harold Jacobson in Minneapolis last Saturday, when the Cornhusker sprinter broke the tape in both the 100 meter and 200 meter dashes. Although "Jake's" time in the finals of the 100 meter race was recorded as 11.1, the Trenton, Mo., flyer peeled off a spectacular 10.9 trail in the previous day's preliminaries. His time in the 200 meter jog registered 21.7 seconds.

One of the greatest records in the history of Cornhusker track, has been established by Sam Francis, who is thus far undefeated in his pet event, putting the shot. Although Sam's best distance, 51 feet 9 3/4 inches was made at the Texas relays, this meet was the first trial of the year and so far Francis has failed to better that put. However, this record stands up thruout the nation as the best effort on the part of any weight man.

Lloyd Cardwell, the leading scorer in all the meets this year, is scheduled to perform in the hop, step and jump, the 400 meter hurdle race and also the 110 meter high hurdle contest.

STATE CONFERENCE FOR AGRICULTURAL TEACHERS PLANNED

(Continued from Page 1). 1432 N st., at 1:30. Hostesses for the party will be Mrs. H. E. Bradford, Mrs. C. C. Minter and Mrs. L. D. Clements.

At the afternoon conference session, Dr. W. F. Stewart will open the program with a talk on "Standards in Supervised Practice." R. W. Canada, vocational agricultural instructor at Filley, Neb., will present district reports on state study, "Preparation of Lesson Plans for Part Time Classes."

The feature address of the afternoon will be given by W. A. Ross, national executive secretary of the F. F. A. office of education, Washington, D. C. He will speak on "Responsibilities of Local Advisors of the Future Farmers of America."

Fulmer to Speak.
Dr. C. A. Fulmer, state director of vocational education in Nebraska, will speak on "Teachers as Interpreters." Following the afternoon addresses the presentation of American Vocational association ten year club certificates will be made by Howard Deems, president of the N. V. A. A.

Friday morning the Ten Year club breakfast will be held at 7 o'clock, in the ag college cafeteria, R. L. Clarke, president of the organization, presiding. The conference session will be held after the breakfast with roll call opening the meeting.

Discussions Planned.
Discussions will be led by R. M. Kildee, West Point, on "Experience with Part Time Classes"; H. W. Deems and Wayne Girardot will discuss "Methods of Teaching Part Time Classes," and Sivert Nelson and Donald R. Sandy will lead discussions on "How I Introduce and Carry Out the Supervised Practice Requirements."

H. M. Gould, assistant state director of agricultural extension service, will talk on "Conserving Nebraska Soils." "Organizing Teaching Materials," will be the

subject of a speech by C. C. Minter of the department of vocational education of the university. R. T. Prescott, agricultural college editor, University of Nebraska, will speak on "Bulletin Service to Schools."

Pearson Opens Session.

J. H. Pearson, regional agent for agricultural education of Washington, D. C., will deliver the opening address of the afternoon session "Progress in the North Central Region." A business meeting of the N. V. A. A. will be held. Reports on the A. V. A. convention at Chicago will be given by H. W. Deems and V. J. Morford. Officers for the next year will be elected at the meeting.

Annual banquet for vocational agricultural instructors and their wives will be held Friday evening at the Y. W. C. A. at 6:30, price of tickets will be 50 cents. Dr. H. E. Bradford is chairman of the committee in charge of arrangements and C. C. Minter and L. D. Clements are the committee members.

Annual Field Day.

Saturday morning, the annual field day will close the session. Those planning to attend will meet in room 108, Agricultural Engineering building at 9 o'clock. A demonstration will be given on "The How and Why of Tractor Testing" at the tractor testing field. The demonstration will be given by C. W. Smith, professor of agricultural engineering at the university and Carleton Zink, tractor testing engineer.

At 10:30, those interested in poultry husbandry, will meet in room 108, Agricultural Engineering building to witness a demonstration of "The Results of Recent Experiments in Poultry Production," by F. W. Mussehl, chairman of the department of poultry husbandry of the university.

An agricultural education exhibit will be on display thruout the convention in rooms 304-305 of Agricultural hall. The exhibit will include new books, teaching materials, F. F. A. supplies, farm shop appliances, illustrative material, charts, etc. Rooms will not be open when conference sessions are in progress.

BROADCAST BREVITIES

With radio programs changing for summer broadcasts, stars of the ether way are taking leave for vacations here and abroad. Lanny Ross and his wife Olive White, will sail for Europe in July for a two-months stay. Alois Havrilla, well known announcer, will concentrate on Paris and London during the month of July and Grace Moore is already abroad.

Dan Russell, NBC announcer, will holiday in Porto Rico, while Richard Crooks is planning the longest ocean voyage on the list. He has already left on a cruise for Australia which will keep him away until October.

While Stoopnagle and Bud take over the Town Hall program, Fred Allen and Portland Hoffa will seek relaxation in Maine. The state of Maine will also be the destination of Rudy Vallee between programs, when he flies to his camp on Lake Kezar every week.

John Charles Thomas will go to Lake Worth, Florida, to raise anchor on his boat, The Masquerader, after a stopover in Towson, Md., for a visit with his mother.

Grantland Rice, Ed Wynn, Fred Stone and other persons of prominence in the fields of sports and entertainment will be heard during the broadcast of a tribute dinner to Jack Dempsey on Wednesday, June 17 from 9:00 to 9:30 p. m., central standard time over the NBC red network. The dinner is planned to honor the former champion prize-fighter for his interest in public welfare. In addition to his many professional activities, Dempsey is chairman of the West Side Hospital Development in New York. Gene Buck, president of the

American Society of Composers, Authors and Publishers, will act as toastmaster and will introduce the speakers. The broadcast will originate in the main ballroom of the Hotel Astor in New York.

The modern newspaper's outstanding contribution to America's progress will be dramatized over the national NBC-Blue network at 6:00 p. m. eastern standard time, on Monday June 29, in a joint tribute to the Fourth Estate by the Mergenthaler Linotype company and the National Broadcasting company. The radio drama to be heard on the program was selected in a contest conducted among newspaper men thruout the country. Marlen E. Pew of "Editor and Publisher," William S. Rainey, National Broadcasting company production manager, and Jack T. Nelson of Kenyon and Eckhardt, inc., picked the script submitted by Charles A. Wright, instructor of journalism at Temple university. Wright was awarded a \$500 prize. The tribute to modern American newspapers, called "Salute to the Modern Newspaper," will trace the history of journalism from the stone age up to the present, with special emphasis on the growth of the newspaper since the invention of the Linotype in 1886, after years of heartbreaking experimentation.

Fred Waring and his Pennsylvanians, whose contract to appear on the NBC-Blue network on Friday nights under the sponsorship of Ford Motor company dealers has just been renewed, will broadcast half an hour earlier, beginning on June 26. On that date and thereafter the versatile troupe will be heard at 7:00 p. m. central standard time. Featured artists with the Pennsylvanians are Priscilla Lane, Johnny Davis, frog-voiced Poley McClintock, Tubby Hanlon and Curley Cockril.

The nineteenth season of the Daniel Guggenheim memorial concerts given by Dr. Edwin Franko Goldman's nationally known band will be a regular summer feature of the National Broadcasting company networks, starting with a broadcast from Prospect park, Brooklyn, on Thursday, June 18. The famous Goldman band concerts, which will alternate this season between the Mall in Central park, New York, and Prospect park in Brooklyn, are the gift of the Daniel and Florence Guggenheim Foundation, for the benefit and enjoyment of the people of New York. This year will mark the sixteenth consecutive summer during which the programs were made available to the NBC audience.

Cameron King, nautical expert, will trace the history of ships "From Windjammc to Floating Palaces" as guest speaker on the Womens Radio Review, Friday June 19, at 2:00 p. m., central standard time, over the NBC red network. King descendant of a long line of seafaring men and was a skipper before he reached fifteen years of age.

FAIR STOCK JUDGES AT AMES JUNE 17-19

AMES, Ia., June 15.—Livestock breeders and others who judge livestock at county and district fairs will meet at Iowa State college, June 17, 18 and 19, for the annual livestock judging conference sponsored by the Animal Husbandry department.

A gold medal will be awarded to the person who ranks highest in judging all classes of livestock. Purpose of the conference is to provide an opportunity for those who judge livestock to exchange opinions regarding judging problems and show-ring classification of livestock.

Wednesday, June 17, will be devoted to dairy cattle; Thursday morning to sheep; Thursday afternoon to draft horses; Friday morning to hogs, and Friday afternoon to beef cattle.

NEBRASKA STUDENTS TAKE PILLS FOR COATING TESTS

Pills or tablets, whether they be tasteless or coated with a thin layer of sugar, are disliked by the adult as well as the child. But several University of Nebraska students forgot this childhood bugaboo and without coaxing of any sort, offered themselves as subjects to be used in a laboratory investigation set up for the purpose of testing the efficiency of pill coating. They swallowed pill after pill, from the smallest variety to the largest capsules. Every known type of enteric coating material was tested on pills and tablets of various sizes and shapes in an attempt to find the exact point of disintegration.

The procedure used was interesting and effective. Tablets were compressed from granulation masses prepared in the pharmacy laboratories, which tablets consisted chiefly of barium sulphate, a substance impervious to the X-ray. Under the direction of Prof. F. S. Bukey of the pharmacy staff, assisted by Phyllis Rhodes, Marjorie Brew, Charles Bliven, and Lucille Mills, all graduate students from Lincoln, the subjects were given the desired number of pills, generally four or six. The first picture was taken in about two hours followed by others at two hour intervals until disintegration was complete.

To date Bukey has taken more than 1,000 radiographs and the experiments have already exploded theories still popular in this field of science.

"Many different materials have been used in the preparation of enteric coatings, but many are of little value," says Professor Bukey. "Keratin, a tablet coating made from protein material obtained from horn and feathers has been used extensively and is the best enteric material of a nonsecret nature today. Shellac is another substance which is said to have value as a pill coating, but our examinations prove that it is of no value. In a similar fashion the university pharmacists have been able to correct a fallacy handed down for more than 85 years, namely, the high efficiency of Balsam of Tolu as a protective coating for pills. Radiographs have shown this coating to be as impervious to the fluids of the digestive tract as lead shot.

"The question of how long a tablet will remain in the stomach has been a disputed point for many years," according to the University professor. "We found that the same individual reacted differently on succeeding days to the same sized tablet. Medicaments of this type might remain in the stomach two hours today and eight hours tomorrow while our records show that pills remained in one stomach for 36 hours. Generally speaking, the largest number emptied between 2 and 7 hours.

"Tablets taken in the morning passed out of the stomach in less time than those given at noon. As nearly as it could be calculated the average emptying time was three hours for morning, five hours for noon and seven hours for evening, which is probably due to the fatigue of the subject as the day progressed. The size and shape of the pill and the type of enteric coating have no effect on the length of time it remains in the stomach."

Professor Bukey is continuing this line of research on two com-

pounds which may prove to be satisfactory enteric materials. That such a tablet coating is needed is evidenced by the fact that the best coating today is only 81 percent efficient, meaning that far too many tablets are dissolved before they reach the desired portion of the digestive tract.

EDUCATORS EXPECT LARGE DELEGATION AT JUNE MEETING

(Continued from Page 1).

groups. The committee in charge of the Nebraska summer conference is composed of Dr. S. M. Corey, teachers college, chairman; Dr. Clara Wilson, Dr. G. W. Rosenlof, Dr. Frank E. Henslik, dean, all of teachers college; Herbert Cushing of the state department and C. A. Bowers, secretary of the Nebraska State Teachers association.

For the first time, says Chairman Corey, panel discussions have been arranged, to be led by Nebraska educators. Present day problems of both national and local interest will be discussed. Addresses, which will be given over to discussion periods, will be given by the following: "Curriculum Problems in the Elementary School, with Emphasis on Social Studies," C. W. Washburne, Winnetka, Ill. "Functioning Guidance Programs in Small Schools," Dr. K. O. Broady, University of Nebraska. "Aims and Purposes of the Conference," Dr. G. W. Rosenlof, University of Nebraska.

Other lectures included will be the following:

"Trends in the Social Science Curriculum in the Middle Grades," Mary Kelly, University of Chicago; "Turning the Corner in High School Curriculum Development," H. H. Ryan, University of Wisconsin; "Curricular Enrichment Thru Extension," Earl Platt, University of Nebraska; and "Pre-College Guidance," E. G. Williamson, University of Minnesota.

Dean Henslik of teachers college will give a summary and evaluation of the conference.

H. Jacobsen Wins Both His Events at Minneapolis

Winning both the 100 meter dash and the 200 meter distance, Harold Jacobsen, varsity track star, was the feature attraction at the Olympic regional trials and northwest A. A. U. track and field meet at Minneapolis, Saturday.

"Jake" won the 100 meters in 11.1 seconds and the 200 meters in 21.7 seconds, which qualified him for the semi-finals in Milwaukee later this month.

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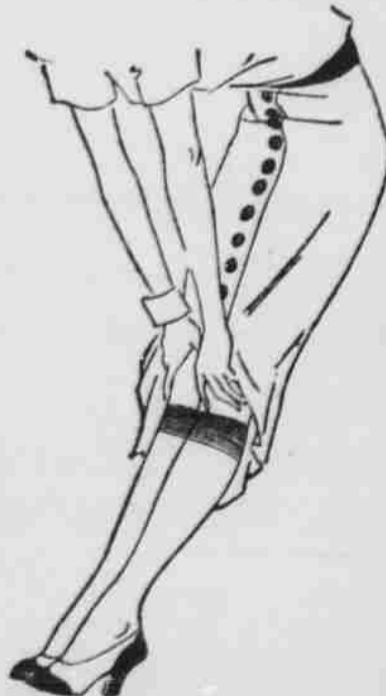
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