

THE NORTHWEST MONTHLY



Published Monthly by the Northwest School of Agriculture of the University of Minnesota, Crookston. Entered as second class matter December 2, 1916, at the Post Office at Crookston, Minnesota, under the Act of August 24, 1912.

VOLUME VIII.

CROOKSTON, MINNESOTA, JUNE, 1924.

NUMBER 7.

VISITATIONS ALREADY BEGUN

The Northwest School will be host to Northwestern Minnesota communities almost every day in June, July and August. Forty-one communities were represented in 1923 and a larger number will come this year. The groups generally arrive in time for a picnic dinner, after which a tour of inspection is made of the fields, live stock flocks and herds, and school buildings. Each visit will close with a program of recreation and movies if time permits.

Many of the communities will select their date at the June meeting of the clubs. Those who have already selected their dates are: June 11, Big Woods Farmers Club, Oslo; June 13, Roon Community Club, Warren; June 18, Holt Community Club; June 21, Averill Farmers' Club, Clay County; June 25, Brandt-Helgeland Farmers' club, Angus, and the Angus Commercial and Community Club; June 26, the Radium Community Club; June 28, the Winsor Farmers' Club, Gouvik; July 8, West Prairie and the Donnelly Farmers' Clubs of Stephen; July 9, the North Star Creamery Association, McIntosh; July 12, the Bloomer Farmers' Club, Argyle; July 16, the Winger Citizens' Club; July 17, the Boxville Farmers' Club, Warren; July 18, the McCrea Farmers' Club, Warren; July 22, the Maple Leaf Club, Crookston; July 23, the Booster Club of Hammond Township, Beltrami.

BEEF CATTLE FEEDING EXPERIMENT

The second year's work in the feeding trials to determine the value of sweet clover as a wintering ration for feeding yearling beef cattle was completed on May 14. There were seven steers in each lot.

The steers in Lot 1, fed alfalfa hay, corn silage, and oat straw, made an average daily gain of 1.59 pounds per steer. The feed cost was \$34.40 per steer. The feed cost per pound gain was \$.11.

The steers in Lot 2, fed sweet clover hay, corn silage and oat straw, made an average daily gain of 1.43 pounds per steer. The feed cost was \$22.82 per steer. The feed cost per pound gain was \$.08.

The steers in Lot 3, fed sweet clover hay and oat straw, made an average daily gain of .89 pounds per steer. The feed cost was \$18.49 per steer and the feed cost per pound gain was \$.105.

The steers in Lot 4, fed wild hay and oat straw, made an average daily gain of .64 pounds per steer. The feed cost was \$23.44 per steer, and the feed cost per pound gain was \$.11.

The sweet clover feed lot (Lot 2) made the cheapest gain. From the standpoint of thriftiness, the ration for lots 3 and 4 did not produce satisfactory results. The results with Lot 4 indicate that wild hay is not an economical feed.

NORTHWEST SCHOOL FOLKS TO HOLD PICNIC

Word has been received that alumni and former students attending the Bemidji State Teachers' College are planning a Northwest School picnic at the Diamond Point Park in Bemidji, June 22, at 1 o'clock. The reunion is not only for those attending the College, but for all alumni, former students and friends who will be able to come. The picnic grounds are ideal and according to Johanna Nabben, '23, Alma Nelson, '22, and Iva Dobbdal, '22, committee of arrangements, a program is being planned which will make it a day long to be remembered. A basket lunch will be brought by the girls and they should also bring silverware and cups for "two". The boys will be called upon to pay for the weiners, coffee, and ice cream. All who are planning on attending this get-together should write Johanna at the Teachers' College.

The school is in favor of these reunions and hopes that similar occasions may be planned for other places in the Northwest.

SUMMER MEETING OF THE RED RIVER VALLEY CROPS AND SOILS ASSOCIATION

A summer meeting of the Crops and Soils association will be held at the Northwest Experiment Station, Tuesday, July 15. All members and friends are urged to make plans to bring their
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GIRLS' GLEE CLUB

Top Row—Lervold, Strommer, Thompson, Hamre, Lewis, J. Rude, M. Strickler.
Second Row—Peloski, Amundson, Rice, Gibbons, Aakre, Jones, Hoper, Forsness.
Third Row—Eklund, Lundberg, Fort, Paulson, Carlson, Engestad, Gunnufson, Woods.
Fourth Row—Peterson, E. Strickler, A. Plekke, Miss Bothne, Miss Dokken, Hamrick, Lundin, M. Rude.

In addition to the girls' glee club there are two glee clubs for boys, of which one is composed of freshmen. There is also a school chorus of 75 to 100 voices. Opportunity is offered for private lessons in voice, piano, or band and orchestra instruments.



Issued Monthly by
THE UNIVERSITY OF MINNESOTA
NORTHWEST SCHOOL OF
AGRICULTURE
C. G. SELVIG, Superintendent

OFFICE
 Northwest Experiment Station,
 Crookston, Minnesota

A monthly publication in the interest of
 agricultural education and home training for
 Northwestern Minnesota.

THE AGRICULTURAL OUTLOOK.

Regardless of present, pending, or proposed legislation, the farmers in the Red River Valley will, in the last analysis, have to work out their own salvation. The marked increase in the alfalfa, sweet clover, corn, soy beans and sugar beet acreage is a step in the right direction. The increased holdings per farm of cattle, hogs, sheep and chickens is another important indication that Red River Valley farmers are advancing in the right direction. The increased interest that is being taken in commodity co-operative organizations is another step in the right direction. The Northwest Experiment Station and School of Agriculture urges unqualifiedly that all farmers align themselves with this program in the Red River Valley district.

The suggestions included in the annual report of the Northwest Experiment Station are not only sound and well thought out, but they embody the only plan that will increase farm production of those farm products that are highest in price and for which there is the most effective demand, but which will also increase production in general, giving a larger return per acre, due to the more efficient handling of the farm as a unit. Observations made on hundreds of farms in the Red River Valley indicate that the farmers who are following the major portion of these fourteen points are now in the best condition financially, and are improving their status each year.

PROGRAM OF FARMING FOR THE RED RIVER VALLEY

1. Have dairy cows or beef cattle. In one Red River Valley county, the average farm has only 13 head of cattle per farm. The number should be at least 50. There are 1,333 cowless* farms in the 11 counties of the Red River Valley.
2. Have a few hogs. In one Red River Valley county the average farm has only 4 hogs per farm. There are 5,671 *hogless farms in the 11 counties of the Red River Valley.
3. Have a few sheep. The Red River Valley is especially adapted for sheep raising. Wool and mutton bring good prices.
4. Have a good sized flock of chickens. Red River Valley farms aver-

age about 60 hens per farm. There are 2,046 henless* farms in the Red River Valley.

5. Have pure bred sires. No investment brings greater returns.
6. Raise Sweet Clover for Pasture. Every year brings added testimony to the record of the value of sweet clover both as a pasture and as a hay crop.
7. Raise alfalfa for hay. The Red River Valley is favored in the large yields of alfalfa obtained. Many counties are putting on an alfalfa campaign. The Red River Valley will soon lead the state in alfalfa acreage per farm.
8. Plan to grow sugar beets. United States imports 70 per cent of its sugar. Minnesota produces only 10 per cent of the sugar used in this state. Plans for a sugar beet factory to be located in the Valley are under way. This will increase profits from sugar beet raising.
9. Plan to grow more corn. In 1923 corn received more attention than during any previous year. Use northern grown seed of early maturing varieties.
10. Plan to grow a limited acreage of potatoes. Grow them on well prepared ground, using treated seed and spraying the vines.
11. Plan to devote a portion of the farm to pure seed production. Raising purebred seed wheat, oats, barley, rye, flax, alfalfa, and sweet clover seed, corn and soybeans will pay you well. Secure the right strains and varieties.
12. Plan to grow some flax. Even with last year's increased production of flax, the United States still imports a large amount of this crop.
13. This does not mean that Red River Valley farmers should not continue to raise wheat and other small grains. The Valley's most successful farmers are raising wheat on clean land made possible by rotating crops. Live stock are fed on the roughage.
14. Send to the Northwest Experiment Station for bulletins on growing sweet clover, alfalfa, soybeans, sugar beets, dairying, swine raising, sheep growing, beef production, feeding livestock, value of sweet clover hay for feeding steers, chicken raising, corn, potatoes, small grains, flax culture, and sow thistle control.

*1920 U. S. Census figures.

CATALOG AND BOOKLET READY

The new 1924-25 school catalog is now ready and will be sent to those interested in the Northwest School. The catalog gives complete information regarding the courses, expenses and general school data.

An illustrated booklet has also been printed which shows in picture form the activities at the school, school room scenes, buildings and equipment. A number of paragraphs have also been included concerning the school life of the students. Those who have not received a copy of either the catalog or booklet should write to Superintendent C. G. Selvig, Crookston.

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SUMMER MEETING OF CROPS

AND SOILS ASSOCIATION

families and spend a day at this meeting. The school campus affords a splendid place for both men, women, and children. In the afternoon a tour of inspection around the plots will be made.

The performance of many new varieties of crops may be observed in the variety trial plots. Among these are Velvet, a new smooth-bearded barley soon to be distributed; Chippewa, a wilt-resistant flax already distributed in limited amounts; several rust-resistant wheat and oats varieties, Minsoy beans, about 30 varieties of corn, 7 varieties of alfalfa, and a new legume called dalea.

Members of this association should be among the first to become acquainted with new varieties of crops and it is hoped that there will be a large number present to spend a very profitable and enjoyable day at the station.

REARING AND FEEDING

OF POULTS

A turkey hen may take care of twenty-five young poults provided the weather is not cold and backward. The tom-turkeys should be removed from the yard where the young are being reared, as they are often ugly and often kill many of the poults. Young turkeys, until two months of age, are very delicate and frail. During the first few days there is a danger from cold, rain, dampness, dew or hot sun. Keep the young poults dry and provide shelter from the hot sun of late spring and early summer. The young as well as the old turkeys should be kept free from attacks of parasites (lice and mites). The use of a good insecticide powder or blue ointment will be found very effective; prevent rather than cure by having the turkey hen free of lice before the poults hatch.

It is sometimes necessary to feed the young by hand as they cannot eat like chicks. They should be well fed during the first days, but should only receive a little food at a time. Feed regularly from four to six times per day until six weeks of age. For the first few days the feed may consist of a semi-dry mash made of hard boiled eggs, boiled rice, greens, etc., the whole being cut fine and mixed with bread crumbs, bran or oatmeal, stirred in milk. This feed is first given to them in the hollow of the hand and later on small boards or flat surfaces. After the first day the eggs and bread are gradually decreased and onion tops, tender grasses, or chipped lettuce, bran, shorts or low grade flour added to the ration. The feed is given as a mash, mixed fairly dry with buttermilk.

Pure water or water with a little sulphate of iron may be used for drinking. Be very careful to see that the turkeys cannot get into the drinking water and get wet. Clean the drinking pans and feeding boards daily and keep their pen clean and very dry.

QUESTIONS ANSWERED

So many questions concerning the Northwest School are being received from 8th grade graduates, parents and others, that the following information will prove of interest:

The Northwest School, Crookston, is a part of the University of Minnesota. Being a state institution there is no tuition, practically the only expense is for board and room at the school. School opens October 1 and closes March 26, being in session six months each year. A diploma is granted upon completion of three years' work, while those who wish may return for the fourth year.

Graduates of the fourth year may attend college or University on same basis as graduates of other schools. In addition to the courses in home training and agriculture, work is offered in business training, music, including voice, piano, band and orchestra instruments, college preparatory, and nursing. Students may enter if they are 16 years of age or if they have completed the common school.

Guides will be furnished those who wish to look over the school and its facilities this summer. The catalog and circulars of information will be furnished free to those who are interested.

Demonstrator, 1st, Agnes Benson, Lancaster; 2nd, Mildred Dunn, Northcote; 3rd, Ruth Hayes, Warren.

LANDSCAPE PLAN OF SCHOOL GROUNDS

A landscape plan designed by Morell & Nichols, Minneapolis, which will require four or five years for completion, has been begun at the Northwest School. The plan calls for increased plantings of shrubs and hardy perennials around the present school buildings, the filling in and planting of new tree and shrub groups on the main campus, the making of a sunken garden on the main campus and the establishment of a demonstration garden east and south of Senior Hall.

Fourteen species of evergreens, thirty-two species of deciduous trees, seventy-four varieties and species of shrubs and vines, seventy-five varieties and species of perennials and biennials, and twenty varieties of annuals will be required, in addition to the present planted material to completely develop the plan.

Mr. A. U. Morell, chief designer of the plan, says of it, "when the plan is fully worked out we are certain that you will have the best arranged campus and the finest demonstration garden and arboretum in the state."

the bill, as follows: In Illinois, 16 for, 9 against; Indiana, 11 for, 2 against; Michigan, 7 to 6; Minnesota, 7 to 2; Missouri, 12 to 4. These five states increased the total by 53 votes.

The delegations tied in Arkansas, 3 to 3; in Kentucky, 5 to 5; and Ohio, 10 to 10. The total vote for the bill was increased by 18 in these states, making 129 votes out of the 154 counted in its favor from these 25 states. These same states gave 43 votes to the opposition.

The vote in the remaining 23 states was 25 for and 181 against, as follows: Alabama, 1 for, 7 against; California, 3 for, 5 against; Connecticut, 0 to 5; Delaware, 0 to 1; Florida, 0 to 2; Georgia, 1 to 8; Louisiana, 1 to 6; Maine, 0 to 3; New Hampshire, 0 to 1; New Jersey, 0 to 10; New York, 0 to 33; North Carolina, 1 to 7; Pennsylvania, 9 to 20; Rhode Island, 0 to 3; South Carolina, 0 to 5; Tennessee, 2 to 8; Texas, 1 to 16; Vermont, 0 to 2; Virginia, 0 to 10, and Wisconsin, 5 to 6.

As will be seen, three eastern states cast a total of 66 votes against the bill, New York, 33; Pennsylvania, 20, and Massachusetts, 13. This is 6 more votes than the total in 17 states in central and northwest sections that voted unanimously for the bill.

Party Vote Poll

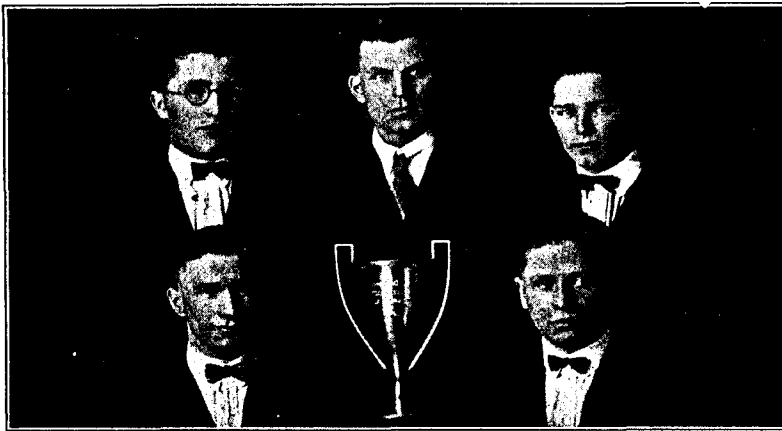
The vote against the McNary-Haugen bill was 154 to 224. One hundred Republicans, fifty-two Democrats, one Farmer-Labor and one Independent member supported it. Against it were 101 Republicans, 122 Democrats, and one Socialist.

JUNIORS BOOST SHORT COURSE

The June issue of the Minnesota Extension Service News states that Kittson county boys and girls to the number of 301 have enrolled for club work this year. Kittson county juniors attended the short courses at Crookston and University Farm, and one father submits this fine testimonial: "Casper says the short course was worth \$100 to him. He learned more than he has all winter here at school."

FROM NEAR AND FAR

- '14 Gilbert Huot is now with the People's Auto Company at Red Lake Falls.
- '14 John Vog, Warroad, was engaged as mechanic on the Lake of the Woods boats last winter.
- '15 Gertrude Osterloh, Angus, was a member of a class of the Bethesda Hospital at Crookston which was awarded diplomas on May 12. She will spend another two months at the University of Minnesota hospital before undertaking work as a graduate nurse.
- '15 According to Cupid's Court Casualties as listed in The Sprig, the official publication of the Minnesota Chapter of the Acacla Fraternity, Willard Johnston has announced his engagement to Jean Wilson.
- '16 Esther Pearson, Argyle, will finish a course in laboratory nursing at Minneapolis this month.
- '16 Sophie Monson has been teaching the consolidated school at Swift the past year.



STOCK JUDGING TEAM

E. Gandrud Miller (alternate) Mr. Kiser (coach) Davids Howard

Students receive much training and experience in stock judging. In addition to local contests the class teams compete at the Winter Shows for the School championship. While the teams do not compete with other organizations at the Show, still the same animals are judged. Last winter the above team scored 1210 out of a possible 1500 points.

NORTHWEST TO BE WELL REPRESENTED BY TEAMS

As a result of demonstrations held throughout Northwestern Minnesota, teams will attend the State Fair representing a wide area. The winners as announced by A. J. Kittleson, district club leader at the Northwest School, are as follows:

Advanced bread making team is from the Northwest School, consisting of Helen Gibbons, Crookston, and Cora Walters, Beltrami; Class "A" bread team, 1st—Fergus Falls; 2nd, Hawley; 3rd, Glyndon; Class "B" Bread team, 1st, Puposky; 2nd Clearwater county; 3rd, Hallock; Cake team, 1st, Warren; 2nd, Hawley; 3rd, St. Vincent; Individual Cake

RECORD OF VOTE ON McNARY-HAUGEN BILL

So many questions have been asked regarding the vote on the export corporation bill (McNary-Haugen bill) that the following analysis of the vote is included in this issue of the Northwest Monthly.

The McNary-Haugen bill received a unanimous vote in 17 states, including Colorado (3), Arizona (1), Idaho (2), Iowa, (11), Kansas (7), Montana (2), Nebraska (6), Nevada (1), New Mexico (1), North Dakota (3), Oklahoma (8), Oregon (3), South Dakota (3), Utah (2), Washington (5), West Virginia (3), and Wyoming (1). The total was 58, with 4 absent.

A majority from 5 states favored

- '16 A recent issue of the Warren Sheaf contains the announcement that Henry Rud was married at Crookston on May 7 to Lenora Andreason, cashier of the People's Trading Company, Warren. Henry is an employee at the Spaulding farm. They will make their home in Warren.
- '17 Peter Ness writes that he has changed his address from Cass Lake to Route 3, Guthrie, and wishes the N. W. Monthly to reach him there.
- We are always glad to be kept informed of changes in address.
- '18 Newell Lee attended the Mankato Business College the past winter.
- '18 Harold Morris is secretary of the Block and Bridle club, which staged its ninth annual Royal Livestock show at University farm on May 10.
- '18 Born, to Mr. and Mrs. Clarence A. Lee, Pencer, a son, Robert Stormo, May 20.
- '19 Mr. and Mrs. Arthur Mark, (Adele Westphalen) have changed their address to 615 N. Alisa, Santa Barbara, California.
- '19 Mr. and Mrs. David Skarp (Olga Spjut), Karlstad, announce the arrival of Audrey Dorothy May 19.
- '19 A beautiful commencement program has been received from Tarjje Steenerson, who graduated from the Veterinary Science course at the University of Ohio, Columbus, this June.
- '20 Vivian Lundberg, Kennedy, is attending the Valley City Normal this summer, where she is studying for a diploma from the advanced department.
- '20 John Swiers is working in a nursery at Faribault this summer.
- '21 Maurice Bursheim, Winger, is attending the Teachers College, Bemidji, this summer.
- '21 Sophie Krbecheck graduated from the Home Economics course, Moorhead State Teachers college, this month.
- '21 Marie Austin visited friends in Crookston in May, en route to Bemidji, where she is attending the State Teachers Training college. Her address is 703 Beltrami Avenue.
- '22 Halvor Ness is assistant butter-maker at the creamery at Winger.
- '22 Arthur J. Anderson, Jelle, is attending the Bemidji State Teachers college.
- '22 Announcement has been received from Norval Hegstad, Haug, that he graduated from the Greenbush high school this month.
- '22 John Gronner, Underwood, has been helping to make the farm bureau in his neighborhood a great success. As he is a member of the program committee he has had some lively meetings. Several of the merchants of Fergus Falls have attended the meetings and debated with the farm bureau members. A lot of enthusiasm as well as good fellowship has been created between the farmers and business men.
- '23 Announcement has been received of the marriage of Archie Lee

- and Olga Sunset, Wannaska, on April 26. They are at home to their friends at Salol, where Archie is operating a store.
- '23 Johanna Nabben and her guest, Rosalind Friday, attended the play-day exercises at Warren on June 7. They are in attendance at the Bemidji State Teachers' College summer session.
- '23 Albert Kopecky, Angus, was in attendance at the N. W. District Bread and Cake Demonstration held at the N. W. School on May 29, when a member of the boys' and girls' club which he has recently organized won county championship in bread making and thereby earned a free trip to the state fair. Albert has also organized a farm club in his community.
- '24 Walter Turgeon, Brooks, was a visitor at the school on May 29. Walter is planning to return next fall for the advanced work.
- '24 Robert Davids is operating a farm near Brooks this summer.
- '24 Arnold Swanson, Hallock, has recovered from a siege of smallpox.
- '24 John Mansfield and Melvin Eidsmoe are employed on a dairy farm near Webster, Wisconsin.
- '24 Hector Hanson has become a member of the Odin Male Chorus, Fertile. The chorus expects to participate in a national song fest in St. Paul the last of this month.

Anna Flekke writes from 16 Central Block, Ashland, Wisconsin, that she is spending the summer there with friends.

Margaret Woods has moved to Canada and her address is 34 Renfrew Apts., Mountain Avenue, Winnipeg, Manitoba.

Cora Walters accompanied her father to Pennsylvania, where they went to visit her grandfather, who has been ill. Cora and her father expect to make the return trip via the auto route.

Chester Johnson reports that he has rented some extra land and will work it this summer. Chester is a hard working young man and his friends wish him a very prosperous year.

Eunice Lind, St. Hilaire, who attended the N. W. S. A. in '18, is now a registered nurse employed at the Detroit Municipal T. B. Sanitarium, Northville, Michigan.

Information received recently states that Lena Kilen, Kratka, who attended the N. W. S. A., in '20-'22, is now Mrs. Gilbert Thompson and is living at Chisholm.

Phillip Solberg, Winger, who attended the N. W. S. A. in '18-'20, completed the teachers training course at McIntosh High School this summer.

Cards have been received announcing the marriage of Sam Ronningen, who attended the N. W. S. A. in 1913-15, to Sophie E. Kvanime, on June 4, at her home near Gary. They left by auto the same afternoon on a wedding trip to Yellowstone National Park and other points.

They will be at home on the N. W. school campus where Sam is head herdsman.

Ruth Hillmer, Crookston, who at-

tended the N. W. S. A. in '16-'17, was married on June 5 to Rudolph W. Meyer, Crookston.

Edgar Meldahl, Badger, who attended the N. W. S. A. in '20-'21, graduated from the Greenbush High School this month.

Miss Anne Simley writes from Albert Hall, Cape Girardeau, Missouri, where she went immediately after school closed here, that she has 90 teachers in her classes, ranging from 18 to 67 years in age. She states that the school is similar to the N. W. S. A. except that the women outnumber the men. The term lasts until August 1. She writes further that the country is lovely and that living conditions are pleasant. She states that she will be glad to have the N. W. Monthly reach her there.

DeEtte Cenfield writes that she left Seattle on May 8 on the President Jackson. She expected to stop at China and Japan. Her address will be c/o Board of Education, Manila, Philippine Islands.

H. P. Constans, who was a member of the Public Speaking Department of the University of North Dakota, Grand Forks, the past year, has accepted a position in the same department of the University of Wyoming at Laramie, beginning next fall.

Miss Fanny B. Lippitt returned to her duties at the dining hall on May 19, after spending a month's vacation at her home at Denmark, Iowa, and with friends in Duluth.

Miss Mildred Schenck, of the Home Economics department has gone to Algona, Iowa, for a two months' vacation.

Mr. and Mrs. E. R. Clark, Margaret Ann and Kathryn, are spending their vacation with Mrs. Clark's people at Pendleton, Indiana.

FORMER N. W. S. A. TEACHER IN MINNEAPOLIS LIMELIGHT

A former member of the faculty of the Northwest School of Agriculture at Crookston, who is known to hundreds in Marshall county and other parts of the Red River Valley, is taking an important part in the membership drive being staged by the Minneapolis Civic and Commerce association. She is Mrs. Lucille Holliday Swain, who for several years was in charge of the music department at the School and who conducted community singing at several Farm Crops shows.

"'Miss Pep,' Minneapolis' wartime song-bird, who retired from community singing work four years ago and has been singing lullabies instead of stirring war melodies, was back again today in her familiar role of singing the community to smiles," the Minneapolis Journal said.

"In the same pleasant voice which made her popular in every Red Cross or Liberty Loan drive of war days she sang enthusiasm into 500 Minneapolis Civic and Commerce association workers at the West Hotel today."

Mrs. Swain was married after the war to Earl E. Swain, who had returned from army service and was pictured with her two sons in the Journal of Monday.

(The above appeared in the May 14 issue of the Warren Sheaf.)