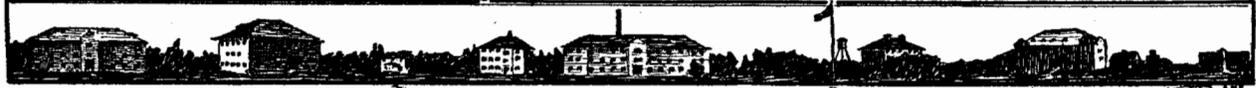


THE NORTHWEST MONTHLY



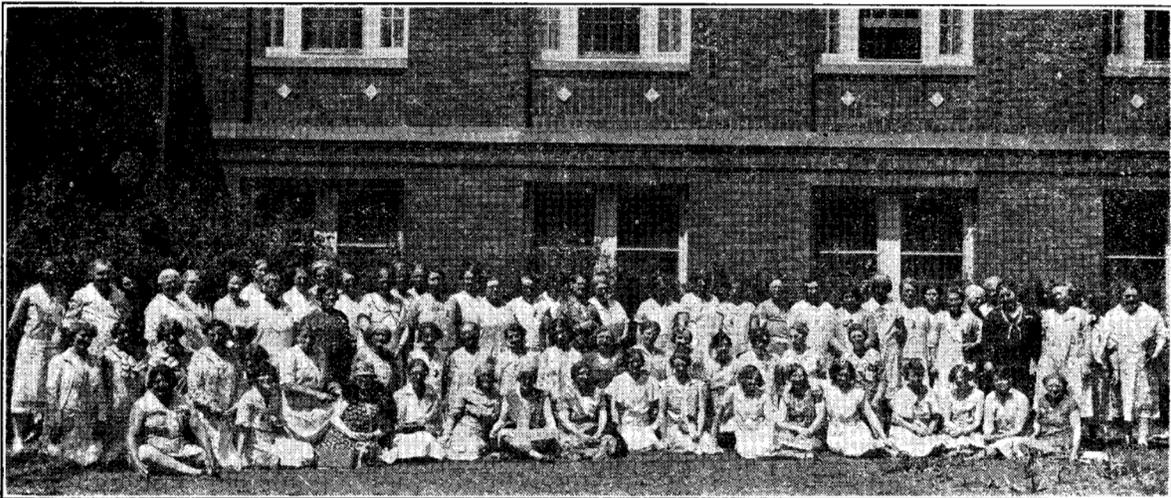
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NUMBER 7.

TENTH ANNUAL WOMEN'S CAMP June 10 to 13, 1935



Many Former Campers Will Return for the Tenth Annual Camp and Reunion

PROGRAM

MONDAY, JUNE 10

- P. M.
3:00 Registration in Kiehle Building.
4:30 Swimming.
6:00 Supper in Dining Hall.
8:00 Reunion of Campers and Election of Officers.
Reception to New Campers.

TUESDAY, JUNE 11

- A. M.
8:00 Breakfast.
8:45 "The Thought for the Day"—Mrs. E. E. Green.
9:15 "Color Selections in Redecorating the Home"—
Mr. A. M. Foker.
10:10 "The Science of Seeing"—Mr. C. T. Bremicker.
11:15 Life Saving Demonstration—Mr. R. J. Christgau.
12:30 Luncheon.
P. M.
1:30 Camp Photographs.
2:00 Rest Hour.
2:30 Demonstration—"Bread and Various Types of Rolls"—
Miss Niel Hansen.
3:15 "Stimulating the Growth of Plants by the Use of
Artificial Light, and Garden Lighting"—Mr. C. T.
Bremicker.
4:00 Coffee—Served by Miss Retta Bede.
5:00 Swimming.
5:45 Supper in the Dining Hall.
7:00 Program to be Announced.

WEDNESDAY, JUNE 12

- A. M.
8:00 Breakfast.
8:45 "The Thought for the Day"—Mrs. Owen Weckwerth.
9:15 "Garden Flowers and Shrubs"—Mr. T. M. McCall.
10:00 Demonstration—"Cake Making"—Miss Niel Hansen.
11:00 "Poultry Problems"—Mr. A. M. Pilkey.
11:45 Recreation—Mr. R. J. Christgau.
12:30 Luncheon.
P. M.
1:30 Rest Hour.
2:30 "Washington Experiences"—Mrs. A. A. Dowell.
3:00 Demonstration—"Desserts and Other Foods"—Miss
Niel Hansen.
4:00 Coffee—Served by Miss Retta Bede.
5:00 Swimming.
6:00 Supper in the Dining Hall.
8:00 Stunt Night.

THURSDAY, JUNE 13

- A. M.
8:00 Breakfast.
8:45 "The Thought for the Day"—Mrs. Emil Peterson.
9:00 Piano Duo—Mrs. E. W. Eagle and Mr. R. S. Dunham.
9:30 "The Modern Homemaker"—Miss Julia O. Newton.
10:30 "Salad Demonstration"—Miss Retta Bede.
11:45 Recreation.
12:30 Luncheon.
P. M.
1:30 Rest Hour.
2:30 Special Program.
3:30 Coffee and Adjournment.



Issued Monthly by
THE UNIVERSITY OF MINNESOTA
NORTHWEST SCHOOL OF
AGRICULTURE
A. A. DOWELL, Superintendent

OFFICE
Northwest Experiment Station,
Crookston, Minnesota.

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

4-H Club Program Complete

District Club Leader H. A. Pflughoeft reports widespread interest in the 4-H club week which will be held at the Northwest School June 17 to 22. Over one thousand club members and 4-H leaders from fifteen northwestern Minnesota counties will be in attendance.



H. A. Pflughoeft

The program during the week will emphasize leadership training, project instruction, and recreation. Special judging contests will be conducted in dairy, general livestock and crops. A better-groomed girl contest will again be a special feature, with two girls eligible to enter from each county. Fifteen counties are expected to take part in the district one-act play and music contests. Three plays, two vocal and two instrumental numbers will be selected to take part in the state contest to be held at St. Paul during State Fair week.

The recreational program will be under the supervision of R. J. Christgau, director of athletics at the Northwest School. He will be ably assisted by recreational directors from the various counties. Many communities have staged county play days to select teams and individuals for the numerous events in the district tournament. Mr. Pflughoeft is urging every girl and boy to come prepared to take



R. J. Christgau

part in the play day program.

Suitable awards will be made to winners in all events. County teams scoring highest in dairy, general livestock, and crops judging will receive silver trophies, while the county with the highest score in the recreational activities will be presented with an attractive banner. Individuals winning first in the various events will receive certificates.

Girls and boys should plan to come

in time to register and to take part in the games which will start at 3:00 p.m. Those coming in the forenoon should bring their lunches as supper will be the first meal served on the opening day. Each club member should bring bedding, two blankets, sheets and pillow, also soap and tennis shoes. All who play are urged to bring their musical instruments.

The entire cost of room, board and entertainment is \$1.25. Room reservations should be made on or before June 10.

Tenth Annual Women's Camp

Ten years ago the first Women's Camp or short course was held on the Northwest School campus. The undertaking was so successful that the camp idea has been continued down through the years. During the week of June 10 to 13, the women of Northwestern Minnesota are being invited to attend the tenth annual short course and reunion of campers. Several ladies have attended every session during the past decade, while a considerable number have attended the majority of the meetings.



Miss Bede

Based upon previous experiences, it has been found that the most successful program includes a combination of education, relaxation and recreation. The first meeting will be in the nature of a reunion which will be held in the school library Monday evening, June 10. The presiding officer will be Mrs. A. Lindstrom, Waubun, president of the organization. Other officers include: Mrs. Jay Payne, Goodridge, vice president; Mrs. Paul Hansen, Crookston, secretary; Mrs. Emma Wright, Middle River, treasurer, and Mrs. Gus Gustafson, Crookston, sergeant-at-arms.

The program each morning will open with the "Thought for the Day," with Mrs. E. E. Green, Crookston, scheduled Tuesday morning; Mrs. Owen Weckwerth, Hazel, Wednesday, and Mrs. Emil Peterson, Middle River, Thursday.

Feature lectures and demonstrations on Tuesday include "The Science of Seeing" and "Stimulating the Growth of Plants by the Use of Artificial Light and Garden Lighting" by C. T. Bremicker, Northern States Power company, Minneapolis; "Bread and Various Types of Rolls," by Miss Niel Hansen, home demonstrator, General Mills, Inc., Minneapolis, and "Color Selections in Redecorating the Home," by A. M. Foker.

The following day Miss Niel Hansen will present "Cake Making" and "Desserts and Other Foods." Other features of Wednesday's program will include "Washington Experiences," by Mrs. A. A. Dowell; "Garden Flowers and Shrubs," T. M. McCall, station horticulturist, and "Poultry Problems" by

A. M. Pilkey, station poultryman.

Miss Julia O. Newton, state home demonstration agent, will be the principal speaker Thursday. Her topic will



J. W. Mlinar

be "The Modern Homemaker." She will be followed by Miss Retta Bede, who will give a salad demonstration. A special feature of this program will be a piano duo by Mrs. E. W. Eagle, Crookston, and R. S. Dunham of the station staff. R. J. Christgau, athletic director, will present a series of life saving demonstrations and offer advanced instruction in swimming and other athletic sports. J. W. Mlinar and Miss Retta Bede, who will direct the activities of the week, have announced a number of special features, including the traditional golden horseshoe, camp photographs, early afternoon rest hour, four o'clock social hour, followed by attractive evening programs. The closing afternoon will be featured by the usual commencement activities, at which time certificates will be issued to those who have been most proficient in the various courses.

Based upon advance registrations, Mr. Mlinar anticipates one of the largest short courses in years. He has suggested that all who plan on attending should make their reservations early so as to be assured of suitable accommodations. As the dormitory rooms are equipped with dresser, table, chair and bed and mattress only, it will be necessary for all campers to bring their own bedding and toilet articles. Comfortable shoes and house dresses will add much to the pleasure and comfort of the week's outing. For additional information, write the Northwest School, Crookston.



JULIA O. NEWTON

Alumni Reunion Plans Announced

Saturday, June 29

Anticipating one of the largest crowds in years, preparations are under way for the annual Alumni Reunion scheduled for Saturday, June 29. Each year an increasing number of alumni, former students and students look forward to Alumni Day, which offers an unusual opportunity to visit the campus and review the many warm friendships made during student days.

Various committees have been appointed to assist with the program. R. J. Christgau, Retta Bede and J. W. Mlinar are the faculty members who will be in charge of preliminary arrangements, while the officers of the Alumni association are in direct charge of the day's program.

The 1935 reunion will be the occasion for special reunions of the classes of 1910, 1915, 1920, 1925 and 1930. Many members of these classes are planning to attend. For the class of 1935 this will be their first meeting; hence, a full attendance is desired.

The day's program will consist of the annual baseball game in the afternoon between student and alumni teams. This will be followed by the annual business meeting of the Alumni association. Officers of the Alumni association who will be in charge of the business session are: president, John Gronner, '22, Underwood; vice president, Paul Engelstad, '16, Thief River Falls; secretary, Dr. Harry Hedin, '11, East Grand Forks; treasurer, Archie Lee, '23, Roseau. In accordance with the custom adopted several years ago, two of the four alumni officers are elected each year for a two-year period. The terms of the president and secretary expire in 1935, while the vice president and treasurer hold over until 1936. Following the business meeting of the general alumni association, a short session will be held by the "A" club. Officers of this organization include: Stanley Alseth, '34, Breckenridge, president; Elmer Ross, '35, Fisher, vice president; Marcus Wolden, '35, Fergus Falls, corresponding secretary, and Esther Haugo, '24, Mahnomen, recording secretary.

The opening event on the evening program will be the annual faculty-alumni kittenball game, while the closing feature will be the popular and colorful dance to be held in the school gymnasium at 9 p.m.

The following committees have been appointed:

General Arrangement (in charge of officers of the Alumni association): John Gronner, Paul Engelstad, Dr. Harry Hedin, Archie Lee.

Program: Noel Hanson, Detroit Lakes; Laura Hanson, Thief River Falls; Glenn Ellinger, Crookston.

Sports: Elmer Ross, Fisher; Clarence Stromberg, Rosewood; Rose Naplin, Wylie; Esther Haugo, Mahnomen; Elmer C. Johnson, Erskine; Edwin Widseth, St. Paul.

Refreshment Stand: Olaf Dahlen, Erie; Virginia Watt, Bagley; John Grove, Roosevelt; Bert Spence, Crookston.

Dance and Decorations: Noel Hanson, Detroit Lakes; Earl Lindberg, Beltrami; Ray Higgin, Bronson; Roland Wentzel, Fisher; Clifford Trangsurd, Duxby; Elmer Ross, Fisher; Edson Washburn, Crookston; Clarence Stromberg, Rosewood; Alvah Rowley, Lancaster; Martin Chilson, Crookston; Olaf Dahlen, Erie; Ray Mykleby, Eldred; Ralph Brandt, Gonvick; Virgil Brown, Gary; John Grove, Roosevelt; Laura Hanson, Thief River Falls; Virginia Watt, Bagley; Bert Spence, Crookston; Glenn Ellinger, Crookston.

Special County Committees

Becker: Reuben Anderson, Frazee; Karrol Gandrud, Detroit Lakes; Rodney Lindstrom, Lake Park; Vernon Bryngelson, Callaway. **Beltrami:** Thomas Cain, Ponemah; Milly Rybak, Blackduck; John Stanko, Blackduck; Arnold Wolden, Saum. **Clay:** Harvey Johnson, Hawley; Harold Nelson, Hawley; Evelyn Bierbaum, Moorhead; Orville Erickson, Hawley. **Clearwater:** George Roisum, Bagley; Olaf Stenberg, Clearbrook; Elmer Anderson, Clearbrook; Wilfred Knutson, Clearbrook. **Kittson** (officers of Kittson County Northwest School Alumni association): president, Fred Rubert, Lancaster; vice president, Lowell Ryden, Hallock; secretary, Frances McKibbin, Lancaster; treasurer, Arnold Swanson, Hallock; directors, Ishmael Rynning, Kennedy; Kenneth Rice, Bronson; Vernon Smolak, Lancaster; Russell Younggren, Northcote. **Lake of the Woods:** Richard Holmgren, Carp; Arthur Grove, Roosevelt; Gladys Lindholm, Baudette. **Mahnomen:** Arthur Sanden, Beaulieu; Esther Haugo, Mahnomen; Harold Sanden, Beaulieu. **Marshall:** William Lindberg, Warren; Gladys Quantock, Argyle; Clarence Carlson, Stephen; Irene Holst, Thief River Falls; Stelaf Anderson, Holt; Peter Tandberg, Newfolden. **Norman:** Norman Moen, Gary; Evelyn Erickson, Perley; Lester Lerud, Twin Valley; Lawrence Peterson, Twin Valley; Kenneth Gaare, Perley; Arnold Strand, Ada. **Ottertail:** Harold Cordes, Henning; Allan Hoff, Dalton; Mervin Hagen, Underwood; Marcus Wolden, Fergus Falls; Esther Dalager, Pelican Rapids; Julian Halvorson, Fergus Falls. **Pennington:** Clarence Weckworth, Hazel; Morris Engelstad, Thief River Falls; Donald Toomey, Thief River Falls; Estelle Phillip, Mavie. **Polk** (officers of the Polk County Northwest School Alumni association): president, Carl Narveson, Erskine; vice president, Mrs. G. S. Olson (Lena Opdahl) Beltrami; secretary-treasurer, Selma Hedstrand, East Grand Forks; directors, Herman Simonson, McIntosh; Helmer Nornes, Lockhart; Mrs. Arnold Hanson (Edna Ross) Fisher. **Red Lake:** Arlene Hill, Brooks; Robert Larson, Red Lake Falls; Omer Neslund, Oklee;

Harry Haugen, Plummer. **Roseau** (officers of the Roseau County Northwest School Alumni association): president, Ann Brandli, Warroad; vice president, Archie Lee, Roseau; secretary-treasurer, John J. Kappes, Badger. **Twin Cities:** Edwin Widseth, Alvin Gronner, Leo Maattala, George Berggren, Eddie Trandem, Torlied Boe, Martin Odland, Phinney Stenborg, Melvin Hole.

STATION SEEDED

SWEET CLOVER IN 1896

Sweet clover was first seeded at the Northwest Experiment Station in 1896. It is now grown throughout the Red River valley and has become one of our most useful pasture and soil improvement crops. Because of its increasing importance in the agriculture of this region, the Northwest Station has conducted a series of comprehensive investigations dealing with varieties and species, cultural methods, soil improvement, weed control, pasture and hay, life history and seed scarification.

In summarizing these trials, R. S. Dunham, station agronomist, states that the common white biennial variety has proved most satisfactory for general use. Wheat has been more satisfactory as a companion crop than oats, barley or flax. Sowing sweet clover alone in June was not satisfactory, but sowing alone in April resulted in maximum root development and the largest yield of hay. Sowing in the fall with winter rye has been uncertain.

When sweet clover is plowed under and the crop fallowed the remainder of the season, it has proved an effective control crop for weeds such as wild oats, mustard, perennial sow thistle and quack grass.

According to Professor Dunham, no other pasture crop or pasture mixture has proved so dependable and high in carrying capacity as sweet clover. Hay cut in the bud or early bloom stage and properly cured has proved nearly equal to alfalfa for wintering cattle and sheep.

Scarified sweet clover seed retained its viability after one year in storage, but the viability decreased rapidly after the second year. Unscarified seed, after three years in storage, germinated as well as fresh seeds. "Hard" seeds produced practically no plants during the first season and did not improve the stand in subsequent seasons.

PULLETS REQUIRE SPECIAL ATTENTION

A. M. Pilkey, station poultryman, states that egg production during the coming winter will depend largely upon the feed and care given the pullets during the summer months. Consequently, emphasis should be placed upon free range, sanitation, well balanced rations and comfortable housing.

The ideal range includes an abun-

dance of shade and a continuous supply of fresh green feed, such as alfalfa, clover or newly seeded oats. Artificial shade may be provided by planting sunflowers or other quick growing leafy plants. The corn field will provide an ideal location for developing pullets. The colony house may be raised by placing 12-inch blocks under the runners, thus providing protection from the summer sun, as well as from crows, hawks, and other enemies of the poultry yard.

Clean ground is the best possible insurance against poultry parasites and common diseases. If worms are present, the entire flock should be treated individually with a reliable worm repellent. Kamala has been found satisfactory for tape worms while nicotine sulphate is recommended for round worms. Mr. Pilkey recommends keeping dry mash before the pullets in self-feeder hoppers at all times. This mash may consist of equal parts of corn meal, bran and flour middlings, and 15 per cent meat meal, 2 per cent fine grit, 2 per cent fine charcoal, 5 per cent bone meal, ½ per cent salt, and 1 per cent cod liver oil.

Growth may be stimulated by feeding a moist mash daily in addition to the dry mash. After the birds are two months old, a continuous supply of a mixture of whole grains or low grade wheat should be provided. It should be remembered that pullets suffer more often from underfeeding than from overfeeding. Clean drinking fountains should be kept filled with cool water or milk at all times. A fountain attached to a barrel or water line will insure a constant supply and also save considerable labor.

Professor Pilkey warns poultrymen not to allow the pullets to run with the old hens. The colony house should be moved to separate quarters in the corn field or later on to the wheat field. A 10x12 colony house is easy to move, inexpensive to build and will provide ample roosting quarters for 200 pullets. Colony house plans may be secured by writing the Northwest School and Station.

STATION TO CELEBRATE FORTIETH ANNIVERSARY

Monday, July 15, has been designated as Visiting Day at the Northwest Experiment station. Not only is this the date for the Annual Crops and Soils day; it has also been chosen as a fitting time to celebrate the fortieth anniversary of the establishment of the Northwest Experiment station and the thirtieth anniversary of the Northwest School. The combination of events will

interest alumna of the school, all growers of pure seed grain and potatoes, and all other friends of the institution.

Invitations have been extended to T. A. Hoverstad, first superintendent of the station; to C. G. Selvig, for many years superintendent of both the school and station; to A. D. Stephens, a most loyal friend of the institution since its earliest days; and to W. C. Coffey, Dean and Director of the Minnesota College of Agriculture and Experiment station. Tentative plans include a morning inspection of the livestock and poultry, a dinner at noon, with a short speaking program, and an inspection of the experimental plots in the afternoon. Of special importance this year will be the work with pasture crops planted singly and in various combinations, the trials of farmers' lots of seed flax on wilt-infected soil in which it appears some sixty samples will be available, the use of sweet clover as a soil improvement crop for cereals and potatoes, depth of tillage experiments, and potato breeding work.

R. S. Dunham, station agronomist, will be in charge of the crops and soils program, while T. M. McCall, horticulturist, O. M. Kiser, animal husbandman, and A. M. Pilkey, poultryman, will have charge of the inspection of the work in their respective departments.

A detailed program for the day will appear in the July issue of the Northwest Monthly.

PERSONALS

Mr. and Mrs. C. G. Selvig returned to Crookston after spending the winter at Santa Monica, California. They will spend the summer in Crookston and at their cottage at Cass Lake. Mr. Selvig was a campus caller May 28.

Ruby Knudson, '20, is an instructor of home economics at Hudson, Wisconsin.

Glenn KenKnight, '28, is working for his Master's degree in Plant Pathology at the University of Minnesota. Emory KenKnight, '31, is also attending the College of Agriculture. Their address is 1507 Raymond Ave., St. Paul.

Beulah Harris, '33, and Lloyd Chapman, '32, of Crookston, and Wallace Abbott, '32, of Mentor, are listed among the graduates of the teachers' training course at the Crookston High school.

Evelyn Kroog ('33-34 sp.) has finished her course at Brown's Business school and has accepted a position in the offices of the Holland Furnace company at St. Louis. Evelyn is making her home with the Norris Johnsons, '14, (Esther Kroog) at 7544 Rupert Ave.

Pearl Henry, '32, is enjoying a two weeks' vacation from her nurses' training work at St. Luke's hospital, Fargo, N. Dak.

Velura Kinnan, T. T. '19, is a kindergarten teacher at Eau Claire, Wisconsin.

Estelle Filipi, '29, R.N., is employed at the Warren hospital.

Levurne Berget of Oklee and Marshall Evans of Middle River were recently released from the Bethesda hospital, Crookston.

Jerome Molacek, '3, presided over the 4-H club council meeting held in Detroit Lakes early in April. Other Northwest School students who took part in the program included Donald Gandrud, '35, president of the Richwood 4-H club, and Elna Matson of the McHugh 4-H club.

Mr. and Mrs. Henry Hanson, '08-10, have moved to Silver Creek, Minnesota, where they are opening a restaurant. Marlys and Dayton accompanied their parents.

Mr. and Mrs. Orville Blegen, '24-25, of Gonvick are the parents of a son born May 13.

Stanley Alseth, '35, is employed on the Femco Farms near Breckenridge.

Ray Grabowenski, '33, is living at 63 W. Lawson street, St. Paul.

Oscar Knutson, '19, attorney, was re-elected president of the Warren Commercial club.



Students Planting Official Northwest School Tree on Main Campus