

Busy Bee Club Works On Slipper Projects

The fourth meeting of Busy Bees 4-H sewing club was held at the home of Mrs. Brice Keene, with Kathy Keene as hostesses. Those present were Betty Hausler, Maureen McElligott, Kathy Keene and Terry O'Connor. Betty Hausler lead the 4-H pledge and flag salute. Kathy Keene read the minutes of the last meeting.

We made one TV slipper and are to have two finished by the next meeting. For refreshments,

Mrs. Keene honored Betty Hausler with birthday cake and punch. Mrs. Joe Hausler was a guest.

Betty Hausler, reporter

Mr. and Mrs. Bill Labhart, Mark and Lauri, Canyon City, were guests of Mr. and Mrs. Howard Cleveland over the week-end. Another son, Chriss, stayed with the Howard Petty-Johns.

Birds, Animals In Game Areas Hurt By Cold

Game birds and animals on eastern Oregon ranges were hit hard by the recent cold wave and heavy snow which struck the area in mid-December and persisted into January, according to game agents throughout the eastern Oregon area.

Although heavy snow which fell early had some effect on wintering populations, the hard, cold snap in January took a high toll of upland game birds and left many big game animals in critical condition.

Biologists report that during a 2-week period, temperatures throughout the eastern Oregon mountain and sage ranges plunged to around 30 below zero and persisted throughout this time. On some ranges the recorded cold was around the 40-below mark.

Hardest hit by the severe winter have been valley quail, with the cold and snow wiping out entire populations in some areas. Large coveys observed in early winter have been reduced to a few scattered flocks and in some areas disappeared completely. Biologists report entire coveys have been found frozen to death at quail roosting sites as if they had dropped one by one from their perch.

Reports indicate that presenters came through the cold snap in fair conditions. No attempt has been made to check the chukar populations, but game agents are optimistic and feel these hardy game birds would pull through with a minimum of loss.

Big game animals in some areas, especially on poor winter ranges, have been forced by the cold and snow almost to the valley floors. On these ranges, deer are showing the effects of the harsh winter, and biologists fear a high winter loss.

Although the weather in eastern Oregon has moderated, biologists indicate that another cold snap would create critical conditions on most big game ranges. Some winter loss is already apparent.

Public Shelter Survey Underway By State Firm

A preliminary study to find buildings in the Morrow county area suitable for use as public fallout shelters is now being conducted by the Portland consulting engineering firm of Moffatt, Nichol and Taylor, a member of the Consulting Engineers Association of Oregon.

The firm is studying the 66,000 square mile area encompassed by the 18 eastern Oregon counties, according to Leonard J. Stein of the Army Engineers office which is in charge of the state fallout shelter survey sponsored by the federal government.

Possible fallout shelter buildings are being tabulated in two steps:

First—20 to 30 days—the preliminary list is compiled from assessor's tax records, Sanborn maps used by fire insurance companies in rating buildings, and the consulting engineering firm's knowledge of other buildings not on tax rolls or Sanborn maps.

Second—30 to 60 days—an actual physical inspection or review of the blueprints of listed buildings will be made by the consulting engineering firm. Statistics on the building will be entered onto a special form which is mechanically processed by the Army Engineers to determine the protection factor offered by the building.

When the protection factor has been calculated, the information is turned over to State and local civil defense authorities, who will prepare a shelter utilization plan based on the shelter inventory, census potential target and potential fallout possibilities.

Morrow county area buildings suitable as fallout shelters will be marked on the outside and interior protection areas by the Army Engineers. Local civil defense groups can augment these markings if they wish.

Stein declared that Oregon should enter the "marking buildings" phase of the program by July 1, 1962. Target date for com-

State to Re-evaluate Disease Eradication

"The state's brucellosis eradication program has been successful in dramatically reducing incidence of this disease in Oregon. The present program, however, falls short of what is needed to bring about complete eradication." J. W. Southworth, assistant director of the state department of agriculture told members of the Grant County Stockgrowers association at their recent meeting in Monument that state and federal disease eradication personnel will meet this month for a complete re-evaluation of the present program.

Southworth also called attention to the new brand regulation, effective on March 15, which calls for brand inspection on change of ownership of all branded cattle.

"The legislature meets again next year," he reminded the stockmen. "It is important for you to lay the groundwork now for laws and regulations which meet the practical needs of your industry. Active participation by all livestock producers is needed to make your voices heard where it will do the most good," he declared.

Completion of this phase on a national basis is December 31, 1962.

An acceptable shelter, according to the federal government, is a substantial one which protects a person from receiving no more than 200 roentgens in a capacity for 50 persons with a net space of 10 square feet per person with ventilation and 6 1/2 feet for head room.

Ventilation system requirements call for one filter per 150 feet of space, allowing particles no larger than 50 micron to filter in. Lighting requirements are a minimum of five foot candles at floor level and 25 foot candles in areas of food and medicine handling.

"This survey is an effort to find out where we stand in the number of buildings available as fallout shelters in the state," Stein concluded. "When the situation is known, Congress may authorize changes in buildings to bring them up to fallout shelter standards depending on the cost."

Irrigation Water Outlook Said 'Near Adequate'

The outlook is for near adequate irrigation water supplies in Umatilla, Morrow and Gilliam counties in 1962, according to a report released today by W. T. Frost, snow survey supervisor for U. S. Department of Agriculture, Soil Conservation Service, Oregon Agricultural Experiment Station and State Engineer. Forecasts indicate streamflow will be better than in any year since 1958.

Water content of the mountain snowpack is practically double that of last year at this date although it is 17 percent below the 1943-57 average. Low elevation snow is a favorable factor this year.

Moisture in the top four feet of soil immediately under the snowpack is favorable to a good runoff from melting snow. Electronic stations indicate these soils are now recharged up to 74 percent of capacity.

Excessive ice conditions have reduced the amount of water available for storage. Cold Springs reservoir now holds 28,400 acre feet compared with 38,000 acre feet at this time last year. McKay reservoir has only 13,200 acre feet compared with 17,000 acre feet one year ago.

The Walla Walla, South Fork, is forecast to flow 68,000 acre feet or 90 percent average (1943-57) for the April-September period. The Umatilla at Pendleton is forecast at 91 percent average or 170,000 acre feet in the same six months. Forecast for McKay Creek for the February-September period is 55,000 acre feet or 90 percent of the average.

Smaller streams such as Birth, Butter, Willow, Rhea, and Rock Creeks will have slightly below average flows.

The remaining winter storms will have to produce at least average moisture or these forecasts will have to be lowered.

Statewide, most of Oregon will probably have near adequate irrigation water supplies in 1962, although the situation in the southeastern tier of coun-

Junior Leaders Given Modeling Tips in Training

Five 4-H junior leader girls received tips in modeling from Murle Scales, OSU state extension agent, on February 24, at the county agent's office, according to Esther Kirmis, agent.

Miss Scales, who has taken modeling training from the Eastern Modeling School, Portland, and Power's Modeling in New York, gave the girls information on good posture, standing, walking, sitting, turning, and entering or leaving a car. Practice was also given in putting on and removing a coat, and walking up and down stairs.

Plans are now in progress for these five girls to assist Miss Kirmis in teaching these social graces to all other 4-H girls enrolled in home economics. Tentative dates are set for March 10 at the multipurpose room, Heppner; and March 24 at the school cafeteria, Ione. Both meetings will start at 1:30 p. m. Plans are also being made for training at the Irrigon school.

"4-H girls have been asking for this modeling for sometime," declares the agent. "All this training will help the girls during style revue at the fair and in their every day living."

Girls attending included Libby Van Schoelack, Heppner; Beverly Davidson, and Leora Van Winkle, Lexington; Arleta McCabe, Ione; and Penny Jones, Irrigon.

Others who took part in the training were Joyce Booser, Wasco county agent; Mrs. Maxwell Jones, Irrigon; Mrs. Andy Van Schoelack and Esther Kirmis, Heppner.

ties, Malheur, Harney, Lake and eastern Klamath, is complicated by record-low stored water supplies. However these shortages will be sufficiently overcome for this season if remaining winter storms produce at least average moisture supplies.

The next report on snow surveys and water supply conditions will be issued on March 8, 1962.

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