



BOY SCOUTS LEARN MUNICIPAL JOBS—Pictured above are a group of Boy scouts who last Saturday were sworn in as "city officials" for a day, in connection with Boy Scout week. City Recorder Ralph Woodford, in foreground, gave the oath of office to George Goodman (hand raised) as mayor. Boy scout leaders and city officials in the picture include Traffic Sergeant Clyde Fichtner, Acting Mayor Frank J. Runtz, Scout Commissioner Larry N. Schade, Commissioner John Dunlap, Scout Commissioner Robert Church, Scout Leader Jimmy Dunlevy, City Superintendent Vernon Thorpe, Scout Commissioner J. A. MacDougall, Commissioner John Eddy and Councilman Harold Frye. During the day the boys toured city offices and shops, and were given briefings on city administration. (Brainerd photo.)

18-Year-Old Science Whizz Develops Mechanical Brain

Kellogg, Ida, Feb. 15—(U.P.)—A mechanical brain so human it even "cheats" has been developed by an 18-year-old scientific whizz here.

The machine can beat any human at "tic-tac-toe" without cheating, says its inventor, Noel Penney Elliott, senior in Kellogg high school.

But still, it will try to chisel a little if its human opponent isn't careful.

Played By Switches
The game is played by switches and lights in nine squares on top of the 13-inch square, 10-inch high machine. The hapless human throws a switch in a

square to start the game. Instantly the machine comes back with its move, "without even stopping to think," says the husky bespectacled young scientist. And so on until the machine either has won or tied.

"I catch it cheating now and then," Noel says. "Sometimes it will turn on lights in two squares during one turn. I'm working on it to see what the cause is."

Can Only Tie
"Of course, the human player can cheat the machine too, by turning on a switch in the square which the machine already has lit. But still the human can't win, only tie at best."

He says the machine wins about 40 per cent of the time. The other 60 per cent of the time "the cat gets the game" because the machine is so smart it prevents the human from winning.

There are other bugs he still is working on.

"Sometimes it's kind of dumb," he says. "It often has a clear-cut chance to win but passes it up. Of course, it either wins or ties after. But I think with more research I can raise its percentage of wins."

Noel, who does calculus to relax, says he worked three years developing the machine.

Worked All Plays
"I worked out all the possible plays in tic-tac-toe, all 362,882 of them," he says. "I kept running into problems which seemed insoluble. Many times I put it aside and gave up. But suddenly, maybe several weeks later, I'd get a brain storm and figure it out."

Noel was chosen as one of the 40 finalists in the recent national Westinghouse science talent

News of 4-H CLUBS

Roxy Ann 4-H Club

Roxy Ann 4-H Sewing club met at the home of Mrs. Dalton February 3 after school. They discussed projects and what girls were doing in other clubs. Refreshments were served.

Roxy Ann 4-H Poultry club met at the home of Mr. Whitchee February 9 at 7:30 p.m. They elected the following officers: president, Sharon Vertagen; vice president, Ronnie Nelson; secretary, Dennis Whitchee. They talked about the kind of chickens they are going to take this year. Refreshments were served.

Roxy Ann 4-H Cooking club met at the home of Mrs. Scott Wickersham February 10 at 8:30 p.m. as the girls wanted to go to the ball game at Oak Grove school there was no business meeting.

Roxy Ann 4-H woodworking club met at the home of Scott Wickersham February 11 at 10 a.m. and worked on their first project.

Roxy Ann 4-H Swine club met at the home of Mr. Whitchee on February 11 at 7:30 p.m. and elected officers: president, Ronnie Nelson; vice president, Cecil Thames; secretary, Carl Ellis.

Reporter, Wilson Moeller

search because of his work with the machine.

He will go to Washington, D.C. March 2 to compete for \$11,000 in scholarships and attend a five-day science talent institute.

The good driver regulates his speed in accord with the conditions of the road over which he is traveling.

Rogue River

Rogue River, Feb. 15—Card fans enjoyed a pleasant evening Saturday at the V. F. W. hall. The first prize in pinochle was won by Mrs. M. F. Stockman and low prize went to Mrs. Mary Biggers. Three prizes were given in canasta as players had failed to rotate at one time during the evening. First prize was won by Mrs. Art Brockman, second by Lee Denzer and third by Art Brockman. Names of the winners at the cribbage tables were not available. Next auxiliary card party is scheduled for February 24.

All parents interested in organizing a Cub scout troop are asked to meet in Fellowship hall Friday, February 17, at 6:30 p.m. The former troop of Cubs failed through lack of leadership but Troop 27 is a thriving group and it is planned to organize the Cubs under supervision of the same committeemen who will sponsor them with the cooperation of their parents.

Relatives here for the funeral of Mrs. Una Melvain returned to their respective homes Monday. Mrs. B. Denzer left for Spokane and Mr. and Mrs. Will Day returned to Shasta City, Cal.

Sunday visitors at the H. R. Randleman home were George and Shirley Bristol and Kitty and baby Jeffery Randleman and Mrs. Rin Sims and her two children, all of Myrtle Creek. Mr. and Mrs. Roy Randleman and baby of West Fir are also at their parents' home and expect to remain for a longer visit.

The Boy scouts have a sturdy lookout tower built of poles on the vacant lot next to Gelvin's store and in one window of the Hub is an attractive display of their equipment and achievements. Among them is displayed the trophy presented by the Lions club for which the scouts are to compete.

Sunday service of the Hope Presbyterian church was supervised by scout Troop 27 and was a very impressive service. Scouts taking part were Harry Elledge, Ed Lilley, Gordon Melvold, Norman Bean and Wayne West.

Importance of scouts learning to tie knots was pointed out by Shade Combs last week when he asked his son, Douglas, what kind of knots he had tied in the rescue rope used at the old mill pond. Douglas couldn't answer, and his father said, "But your life depended on those knots."

Orin Hilger and Oliver Thompson made a trip to Coffee creek canyon in the Trinity Alps, Friday, to survey the damage done by the snow storms. They found a deep slide had blocked the canyon just below the Miers and Garner dredge and they think it may be three weeks before work can be started again.

Jury List

Patton, Roy P.; Pool, James T.; Pringle, E. A.; Paschke, Edwin; Peyton, Ralph E.; Poff, Wilbur; Potuck, George; Paine, W. H.; Phetteplace, Ben R.; Price, Ernest B.; Peterson, Oscar; Pierce, L. B.; Patrick, C. L.; Prosser, Dorothy E.; Paup, Edgar F.; Platz, Merlin E.; Porter, Norris K.; and Preston, Ruth, all Medford.

Pettie, Rhea Bernice; Phillips, Ella C.; and Pinkham, Alice M., all Central Point; Peck, F. H.; Pruitt, Wilkie; Prentice, Harry R.; Perkins, Vernon; Plumley, Walter D.; Pankey, Grace; Pena, Sarah K.; Planalp, Wesley C.; Popham, Tom E.; Palen, Kenneth R.; Parson, Kathryn; Purves, Fred T.; Paulson, Martin G.; Purdin, Fred Austin; Putnam, Louis; Parrott, Harvey R.; Puett, R. L.; Pearson, C. James; Perry, Ernest J.; Peters, Thomas O.; Parker, Carol J.; and Prouty, William Warren, all Medford.

Peoples, G. Ivan, Gold Hill; Pittman, Richard L.; Prospect, Leonter, R. W.; and Pickell, Gordon, both Ashland; Peck, Fritz W.; Lake Creek; Palm, Raymond, and Perry, William, both Eagle Point; Parker, Lester E.; and Peters, Bishop V., both Applegate; Perreard, Edith, and Parker, Ellen, both Ashland; Powers, Ashlay R., Applegate; Ray, Frank H.; Riblett, Carl H.; Rettig, Elsie D.; Robbins, Marion F.; Ragsdale, W. B.; Rizer, Gene L.; Robinson, Mrs. Leon; Reiner, Alfred E.; Roberts, Tessa W.; Reed, W. G.; Risley, Ruth E.; Randles, Mabel, and Rolis, Darrell W., all Medford.

Rein, Theodor, Eagle Point; Ramstrom, H. A.; Robinson, Edna O.; Rasmussen, George; Reum, E. R.; Robinson, Susan Deuel; Rosenberger, Russell E.; Rians, R. K. Jr.; and Ryan, Elmer, all Medford.

Rensen, Earl E.; Gold Hill; Rogers, L. O.; Prospect, Ross; Charles L.; and Riggins, George W., both Ashland; Roush, C. A.; Eagle Point; Ramsey, C. R.; Ritter, Bert, and Rollins, A. A., all Ashland; Robinson, John C.; and Root, Helen E., both Central Point; Reichstein, W. H.; Reeder, June M.; Rose, Vern E.; Reames, Bessie B.; Robinson, Winifred J.; Rola, Mary L.; Ramsey, Peggy Jean; Renker, Ina; Rowley, Walter E.; Rausch, Elmer W.; Rhymes, B. W.; Rupert, Robert F.; Robinson, Charlotte J.; Rhoads, Ernest A.; Robertson, Wilmer; Rookard, Eleanor; Radcliffe, Walter A., and Russell, John R. Jr., all Medford.

Anchorage, Alaska, Feb. 15—(U.P.)—Police and federal officers held three men and \$2,000 worth of narcotics today following a raid on a marijuana "den."

McLeod

McLeod, Feb. 15—Mr. and Mrs. Billie Mattson have been called to Dunsmuir, Cal., on account of the illness of Mrs. Mattson's mother.

Miss Phyllis Fisch of Medford was a guest recently at "Folding Hills Ranch" here.

Dinner guests of Mr. and Mrs. Ray Pritchard February 10 were Mr. and Mrs. Bill Brewster and Mr. and Mrs. Orr, and Mr. and Mrs. Rick Eastin.

Mr. and Mrs. Billingsley entertained Mr. and Mrs. Wyles Berry at dinner February 6, Mrs. Berry's birthday.

Mr. and Mrs. Ronald Axtell were dinner guests of Mr. and Mrs. Glen Nelson in Ashland January 31.

Mrs. Alma Mallory is visiting her son Ray in California.

Mr. and Mrs. John Dunlap have returned to their home here after being called to Los Angeles on account of sickness.

Mr. and Mrs. Fred Kindschlu are visiting relatives in Venice, Calif.

Mr. and Mrs. Larry Arant of Phoenix were dinner guests of Mr. and Mrs. Glen Anderson here February 9.

Mrs. Dorothy Hume was hostess at a dinner party at her home

on Butte Creek February 12 honoring her mother, Mrs. Carol Hume, Misses Jacqueline and Josephine Hume and Mr. and Mrs. Donald Vaughn and son Denninger, Mr. and Mrs. Harry Wayne.

Another dinner has been scheduled here for members of the Oregon State College Alumni association, and Norman Worthley, president of the Jackson county chapter, said two prominent members of the OSC staff will be brought here for talks.

A dinner meeting will be held at the Medford hotel February 22 when Paul M. Dunn, dean of forestry at Oregon State college, and Roy "Spec" Keene, director of athletics, will speak. Appearances are also set for a "30 Staters" luncheon the same day.

Worthly said Bob Knolls, secretary of the alumni association will also be in Medford for the meetings.

WEATHER
By United Press

Northern California—Increasing cloudiness today with rain from Fort Bragg and Red Bluff north this afternoon and tonight. Local fog this morning. Partly cloudy Thursday with a few showers near Oregon border. Cooler Thursday. Southerly wind 15-25 mph from Point Sur north today and variable 8-15 mph elsewhere. Southwest to west 10-20 mph tonight and on Thursday.

on Butte Creek February 12 honoring her mother, Mrs. Carol Hume, Misses Jacqueline and Josephine Hume and Mr. and Mrs. Donald Vaughn and son Denninger, Mr. and Mrs. Harry Wayne.

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