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## Redding Mills Bow To Demands

Redding, Calif. —(UPI)— Two small northern California lumber mills today acceeded to union demands for a 31 cent an hour package pay increase to include pension benefits.

Ray Phillips, business agent for the Lumber and Sawmill Workers Unions here, said negotiations also were under way with the huge U. S. Plywood Corp., which he described as the "key" employer in the area.

He said the firm has refused to grant the union's demand for a health and welfare plan that would cost employers an estimated $15 per month for each employee.

The firm's industrial manager, Frank Doherty, said, however, that the firm was not opposed to the health plan "but to establish one with control and administration outside the company."

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More than 1,500 horses were killed or starved to death at Valley Forge when George Washington's army wintered there in 1778.

## Pullet-Turned-Rooster Puzzle To Science; 'Couldn't Exist'

By DELOS SMITH
UPI Science Editor

New York—(UPI)—You're going to find this a first-rate puzzle. But be of good cheer. The scientists are stuck on the puzzle, too.

Delos Smith

Begin with a pen of pullets. They're one year old and are starting to act like hens— they're laying eggs. All except one. This one looks "off color." Almost as you watch, the comb starts growing and un-hen-like tail feathers are appearing.

Within two months this "pullet" becomes "a normal-looking and aggressive" rooster and is behaving as such. Naturally, the attending scientists are astonished. Once established, sex is not supposed to be truly and really reversible-in fowl, fish or people.

The scientists are skeptical. Experiments follow at once to determine if this apparent sex reversal is functionally genuine. And it seems to be, since the pullet-turned rooster mates with three hens who proceed to lay 144 eggs.

Eventually the rooster comes to the dissecting table. Not the slightest signs of ovarian or other female tissues are to be found, but male tissues are normal and well developed. Although one kidney is missing, the autopsy results indicate he was a rooster all along and the people who had thought him a pullet hadn't looked closely enough.

**Puzzle Darkened**

Plausible as that sounds, the puzzle must now be darkened by the fate of those 144 eggs only 92 proved to be fertile. Only one hatched and the chick died at once. In the others, the embryos died in the shells. Forty - nine embryos were sufficiently advanced for sex to be established. They and the one chick were all males.

This brings us down to the puzzle – the chromosomes of the germ cells which determine sex. Female chromosomes are always "X" male chromosomes may be either "X" or "Y." When two "X" chromosomes unite in the fertilized egg, the eventual offspring will be female; when the union is of an "X" with a "Y" chromosome, the eventual result is male.

**Highly Abnormal**

Obviously, the chromosomes of this pullet-turned-rooster were highly abnormal. First, you have to account for why they produced no females. You can suppose that the "X" chromosomes contained a lethal gene which foreclosed the possibility of female life at the very instant of fertilization. For technical reasons too complex to detail here, that is most unlikely.

But suppose it was so. To account for the failure of male life to get beyond the shell, you have to suppose further that the lethal gene was a dominant gene. Having supposed this much, you now have to explain the rooster. With a dominant lethal, he couldn's have existed!

All this took place at the University of Sydney, Australia.

The scientists, H. R. Crane and W. L. Waterhouse, asked American scientists (through the American Genetic Association) to help them figure it out. "It is difficult to put forward an explanation which carries any conviction," they said despairingly.

## Asia Flu Outbreaks Expected To Again Hit Nation in Fall

By HELEN THOMAS
UPI Correspondent

Washington —(UPI)— New outbreaks of Asian flu are expected to hit the country again this fall—but nothing like last year's rampaging epidemics.

Public Health Service officials predict that Asian influenza will be making the rounds again, but in milder form than the 1957 worldwide killer.

Whenever a new strain of flu virus breaks out, it usually stays around as an active infection for several years. "There is every indication that Asian flu will be with us for some years," a PHS official said.

The virus spread like wildfire last year, he explained, because it was "so new it ran into no resistance."

**Immunity Built Up**

This year it will not be able to attack so freely. Persons who have already had a bout of Asian flu will have built up some immunity. The odds are against those who have had Asian flu getting it a second time within a year.

More than 70 million Americans came down with Asian flu during the 1957-58 flu season, running from early October until late February.

During the peak period of last year's epidemic–the last week in October and the first week in November–the service reported 20 million persons were suffering from the flu.

Officials forecast an upsurge of influenza during the normal season this fall, which usually begins with wet weather.

At present, the Public Health Service is planning no campaign for mass vaccinations. However, the picture could change rapidly.

**Shots Recommended**

Shots still are strongly recommended for special risk groups, including the chronically ill, pregnant women and in cases where a secondary infection could be harmful They are advised for anyone else who wants protection against an attack of flu.

There is now plenty of vaccine on hand of the polyvalent variety which provides protection against the Asian flu strain and all other strains.

Some 79 million shots of vaccine were produced by drug firms to handle last year's big demand. Much of it still remains on drug shelves and in the hands of doctors.

The armed services are continuing to vaccinate servicemen against flu. In addition, PHS officials noted that some big industrial firms, which need to keep down absenteeism, may be giving mass inoculations.

**Deaths Grouped**

The service has no breakdown on flu fatalities during last year's nationwide epidemic. Such deaths have always been grouped with pneumonia mortality figures.

However, the service believes it deserves a pat on the back for cutting down flu deaths last year by its early awareness of the impending epidemic and its vast all-out preparations to meet it.

Service officials said they are ready to man the medical ramparts again if their predictions prove to be wrong and a serious flu epidemic does sweep the country again.

## Stevenson Says Foreign Policy Clumsy, Erratic

New York —(UPI)— Adlai E. Stevenson, returning from a three-month tour of 13 European countries including Russia, characterized U.S. foreign policy Tuesday "clumsy, erratic and self-righteous."

Stevenson said he found little "neutralist sentiment" in Europe but "an undertone of grave anxiety about the conflict between the East and the West." He said there was too much tendency to look to the U. S. for leadership and blame the U. S. for everything that goes wrong.

"I suppose it is understandable in view of the responsibilities which accompany our power and the clumsy, erratic and self-righteous conduct of our foreign affairs," he said.

**Solemn Obligation**

He said the defense of Formosa is "a solemn U. S. obligation" but declined to say whether he felt that defense should include going to war over the Quemoy and Matsu islands.

Stevenson said he planned to "be as active as possible" in Democratic campaigns this fall. He said his only present commitment is to speak in California at the end of this month for Attorney General Edmund G. Brown, who is running for governor against Sen. William F. Knowland.

### *Petty Larceny Charged For Theft of Pickles*

Jean Vague, route 2, box 569A, Central Point, pleaded guilty in district court Monday to a charge of petty larceny and was fined $25 plus costs and given a six months suspended jail sentence.

Judge James Main sentenced the woman after she admitted taking a jar of pickles and three packages of lunch meat from the Elk City market, 3338 North Pacific highway.

## Training Session Set for Crusade

Dr. Frank Wilson, chairman of the United Medford Crusade campaign professional division, has called a training conference for his workers for 7 a.m., Thursday, Sept. 11, at the Jackson hotel, it was announced. Division goal is $10,250.

Dick House, training chairman, will conduct the meeting.

Section heads appointed by Wilson and his assistant, Frakn Knox, include William Seibert, Richard Courtright, William Glomb, Dr. Eugene Ray, Charles Dorrell, Dr. Robert Urie, Dr. George S. Jennings Jr., Dr. John Weisel and James Bayliss.

## Functions of WICHE Told To Roundtable

The Western Interstate Commission on Higher Educa- will meet in Medford next year, according to Frank Van Dyke, Medford attorney and past chairman of the commission. The commission will be here Aug. 8-10, he said.

The functions of WICHE were explained at the Jackson County Chamber of Commerce roundtable luncheon Monday by Van Dyke.

All the western states and Alaska, except Nevada, cooperate in the venture between the departments of higher education, Van Dyke said. There are 33 commissioners, three from each state, charged with operation of a student exchange program in medicine, dentistry, and veterinary medicine, he continued.

The commission also has programs in nursing education and mental health, and is cooperating with the Rocky mountain region in a science program, he reported.

**Commission Explained**

Van Dyke, a commission member himself from Oregon, explained that the commission was formed after stimulation at the Western Governor's conferences in 1948 and 1949. The program is designed to meet the deficiencies in higher education programs of the participating states.

An example given was applicable here in Oregon: This state has no veterinary medicine schools so students wishing to study that field must go out of state for their education.

Advantages of the program are that out-of-state students certified to specific institutions pay the same tuition as in-state students, and the various institutions set aside a certain number of spaces for students from other states, Van Dyke said.

In the case of Oregon schools, he continued, although we send some veterinary students to out-of-state schools, we admit a larger number of out-of-state students to our medical and dental schools.

The various state legislatures appropriate fixed sums for each student certified by the commission to an out-of-state school, the money being given to the admitting school, the speaker explained.

Van Dyke was chairman of the commission for a year and a half until Aug. 10. Serving with him from Oregon are Chancelor John R. Richards, Eugene, and Mrs. Edna Scales, Sandy.

The attorney also discussed the program for Business Education day which will be held tomorrow and is sponsored by the Business Relations committee of the Jackson County Chamber of Commerce.

The speaker at next Monday's luncheon will be Dr. Howard Piquet of the Library of Congress. He is making a study of the foreign trade impact and its effects on Oregon's economy and will speak on his findings. He is to be in the area to study the picture in the fruit industry and its effect on trends in foreign trade, according to Donald McNeil, manager of the chamber of Commerce.

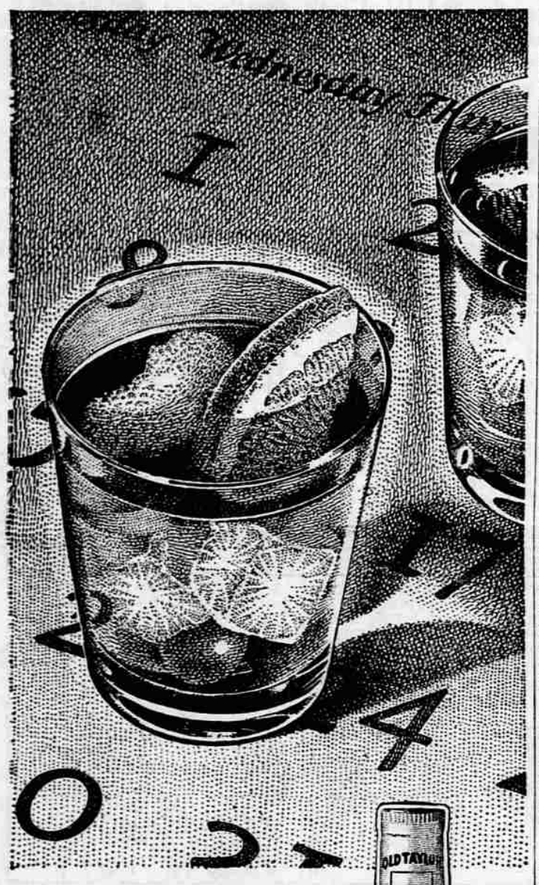
## Principals Meet, Hold Discussions

A number of discussions were being held when the Jackson County Elementary School Principals association held its first meeting Sept. 8, at 2:30 p.m. in the county school superintendent's office in the courthouse.

Items on the agenda were discussion of the results of achievement tests given in May, stepped - up safety program to educate children in riding school buses, present county-wide testing program.

Principals present were Boyd Gibson, president, Ruch school; Harold Boner, Howard school; Myrna Frink, Griffin Creek; Lee Merriman, secretary, Lone Pine; Francis Guidery, Jacksonville; Max Killingsworth, Rogue River; Norm Bonzon, Applegate; Bob Phillips, Oak Grove; Mel Rochester, Prospect; Charles Stratton, Butte Falls and Gene Farthing, Talent.

Members present from the county school superintendent's office were Alf Mekvold, superintendent; Bruce Hitt, assistant superintendent; and Robert Lawrence, curriculum supervisor.

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