

Dairy Leaders To Reduce Hauling

Representative producers, processors and truckers of the dairy industry in the Eugene-Cottage Grove area have been asked by the office of defense transportation to meet Saturday at 1:30 at the Eugene Farmers' creamery to discuss plans for reorganization of dairy hauling routes. Such a move is being taken by the ODT to conserve trucks and materials. District farm representative E. E. Weiss of the Portland ODT will be in attendance to explain the ODT plan of conservation. Men chosen to represent the dairy industry at the meeting are George Chandler, Halsey; Ray Hofer, Junction City; Harry Robertson, Blachly; Andrew Christensen, Sr., Springfield; Raymond Trask, Cottage Grove; G. A. Harnden, Eugene; Oscar Flaten, Creswell; Ralph Laird, Creswell; W. R. Pence, Harrisburg; Gordon Coleman, Eugene; Harvey Wolfe, Eugene, and Robert Slayter, Blachly. From the above will be selected a permanent area committee to handle transportation problems within the industry. G. A. Harnden, manager of the Eugene Farmers' creamery has been chosen

OUR CITIZENS IN SERVICE



LT. M. A. BOWERS of Eugene, graduate of the ROTC of the University of Oregon from which he received his original commission, is assistant personnel officer at the army air base at Lincoln, Nebraska. He now is a first lieutenant.

HARMON IS CADET

Kenneth G. Harmon, 1510 Charleston, is now a cadet in pre-flight training at the aviation cadet center, San Antonio, Texas.

LETTER FROM MARSHALLS

Mr. and Mrs. E. S. Fish of Eugene have a letter from their son Lt. Robert A. Fish, from the Marshall Islands, where he is serving with the marines in an amphibious group. He says the weather stays at about 85 degrees most of the time, and humidity is bad. He sent a 10-zen note, taken from a dead Japanese soldier on Roi Island, where his company landed.

BRUNTON HAS FURLOUGH

Lt. Kirk Brunton has been home on furlough, visiting his parents. Mr. and Mrs. Ernest Brunton of Eugene. So much time was taken in the trip, he had only two days at home, returning to Edenton, N. C. Lieutenant Brunton has transferred to the marine air corps.

TUNNELL DEPARTS

Sgt. Ernest L. Tunnell, stationed at Anchorage, Alaska, who had been visiting his parents, Mr. and Mrs. Taswell Tunnell, at 641 Madison, on furlough, left Saturday for Portland, and will continue to Seattle to report, on his way back to duty. His sister and brother, Eileen and Jimmy Tunnell, with Mrs. M. Lee, accompanied him to Portland Saturday, returning Sunday. Mr. and Mrs. M. W. Tunnell of Portland, his aunt and uncle, accompanied him to Eugene when he arrived, for a week-end visit.

STONE VISITS

PFC Gerald Stone, son of Mr. and Mrs. J. E. Stone, with a night fighter squadron at Hammer Field, Fresno, Calif., recently was at home on 15-day furlough, his first in two years.

Christian Science

"Mind" was the subject of the Lesson-Sermon in all Churches of Christ, Scientist, on Sunday, Feb. 20. The Golden Text was, "Behold, God is mighty, and desiseth not any; he is mighty in strength and wisdom" (Job 36:5). Among the citations which comprised the Lesson - Sermon was the following from the Bible: "Who hath directed the Spirit of the Lord, or being his counselor hath taught him? With whom took he counsel, and who instructed him, and taught him in the path of judgment, and taught him knowledge, and shewed to him the way of understanding?" (Isaiah 40:13,14). The Lesson-Sermon, also included the following correlative passages from the Christian Science textbook, "Science and Health with Key to the Scriptures" by Mary Baker Eddy: "Mind is God. The exterminator of error is the great truth that God, good, is the only Mind, and that the supposititious opposite of infinite Mind—called devil or evil—is not Mind, is not Truth, but error, without intelligence or reality" (p. 489).

WANTED CARPENTER'S HELPER

If you can handle a hammer and saw, know a bit about carpentering (you don't need to be skilled), Southern Pacific has a darn good job for you as Carpenter's Helper—a vital war job. It's out on the line—healthy outdoor work, building bridges, stations, etc. A good gang to live with in Outfit cars (railroad cars fitted up). Good board at reasonable prices. Swell chance to put away a nice stake. Liberal age limits. Signalmen's Helpers Too. You work out on the line with experienced Signalmen, keeping signals in A-1 order so war trains can go through. Vital war work with a permanent company. Many extra advantages you get only with S. P. See or write—Roadmaster's Office Near S. P. Passenger Station Eugene, Oregon

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Don't Use Your Gas to Tour The Planets; Pruett Advises

By J. HUGH PRUETT
Astronomer, General Extension University of Oregon

In flights of fancy we sometimes wing our way far out beyond our familiar earth to the enchanting landscapes of those other shining worlds of our far-flung solar system. But in such reveries we seldom consider the difficulties there awaiting us, even should we sometime perfect space-ships capable of spanning the vast interplanetary void. The recent discovery of an atmosphere of methane and ammonia surrounding Titan, Saturn's largest moon, inspires a short review of planetary atmospheres as revealed by the spectroscope. We may then estimate the desirability of residence on these "distant shores."

Mercury apparently has very little gaseous covering, although dust storms and faint clouds have been suspected at times. On the side constantly facing the sun it is so intensely hot that lead would melt; in the eternal night of the opposite side, bitterly cold. Mercurian conditions seem to fit perfectly the "fiery heat and ice" of Dante's Inferno.

Venus has a dense atmosphere which supports a constant cloud covering. Water vapor and oxygen have not been found, but they may exist under the clouds—or above them—in amounts too small to be detected. But carbon dioxide is abundant. Wildt reasons that chemically the clouds are composed of formaldehyde, that pung-

ent-smelling bacterial antiseptic. How purifying a rain from Venusian clouds—eradicating both bacteria and venturesome space-tourists!

Mars seems to have an atmosphere, but as thin as the surface as ours 11 miles above the earth. Its depth is at least 60 miles and it is usually clear. The white polar caps are apparently real snow. Occasional clouds, likely both dust and water particles, are seen. Noon temperatures at the equator are pleasant, but at night freezing occurs everywhere. Water vapor and oxygen, if present, exist in small amounts.

The giant Jupiter has a dense gaseous envelope, at least 8000 miles thick out to the visible surface of the ever-present cloud covering. Methane (marsh gas) and ammonia are the most detectable atmospheric constituents. But it seems probable that hydrogen gas is more abundant than all the others. The clouds likely are composed of crystals of frozen ammonia.

Saturn's gaseous covering reveals more methane and less ammonia than Jupiter's. The lower temperature has undoubtedly resulted in the freezing out of more ammonia into clouds.

Uranus and Neptune, still farther from the sun, show only a trace of atmospheric ammonia but a great abundance of methane. This gas absorbs as much of the red and yellow from the light leaving these planets that to us

they have a distinctly green color. This is observable even in very small telescopes. Pluto's atmospheric conditions are unknown. Our information therefore strongly suggests that those of us who desire comfort stay at home—save in flights of fancy.

Lottie Agnes Berge

COTTAGE GROVE—Mrs. Lottie Agnes Berge died Sunday at her home, 731 South First street. She was born April 22, 1889, in Wisconsin, and had lived here since 1913, coming from Troy, Idaho. She was a member of the Methodist church and of the OES here.

Surviving are the widower, Hans C. E. Berge; her parents, Mr. and Mrs. William Gunard, of Kallispell, Mont.; two brothers, Lucien Gunard of Kallispell, Mont., and Poincaine in the U. S. army; three sisters, Mrs. Gladys Jensen, Michigan, Mrs. Alice Kline, Mrs. Georgia Jensen, both in Montana.

PINS PRESENTED

Pins representing 200-hours work as junior hostesses at the Eugene USO were presented to six Eugene girls, Saturday night, at the USO dance held at the Elks club. Girls receiving awards were Genevieve Hallin, Jean Gallagher, Lila Johnson, Betty Lewis, Audrey Llewellyn and Maxine McDonald.

It is estimated that the number of students enrolled in teachers' colleges has decreased from 175,000 to 72,000 in the last three years.

Blue River School Cited as New Trend

Pictures and description of the new Blue River high school, recently completed on the McKenzie river between Vida and Blue River, are featured in a new publication, "Trees and Schools" issued by the West Coast Lumbermen's association. The school building, designed throughout in wood by Graham B. Smith, Eugene architect, is cited as an example of the transition in school design during recent years.

The "inspiring trend of modern engineering in timber products," said the article published, appearing in public school construction during the pre-war decade, will be revived in post-war building. "This transition began in California some ten years ago, when school architects and engineers tackled the problem of providing school construction resistant to

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earthquake shocks," the announcement states. "Two basic changes were advanced. First, wood construction was proven to be most secure against earthquakes and was recommended to public school builders. Second, to assure safety for students in emergencies demanding rapid exit from schools, a 'campus type' of school design was advocated. This essentially means ground level classrooms, bordering open grounds.

"The long classrooms wing of the Blue River school perfectly visualizes the campus type school idea. Each side is a solid row of windows. Here are safety and natural lighting, while dormer ventilators in the roof form another health factor."

PICTURES Picture Framing

Ruth Wheeler's, 122 E. Broadway

GIVES GRAND RELIEF if your nose gets STUFFED UP TONIGHT

Specialized Medication Quickly Makes Breathing Easier. INVITES RESTFUL SLEEP!

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Women Who Suffer from SIMPLE ANEMIA Lydia Pinkham's TABLETS

MUSCULAR FATIGUE Johnson's Red Cross Plaster helps relieve backaches and other muscular aches and pains, for these reasons—Retains and adds to body warmth. Provides pressure and support. Applies mild medication without odor or danger of soiled clothing. Gives constant passive massage. JOHNSON'S RED CROSS PLASTER

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Which would a fighting man rather come home to?

U.S.A.	112
BELGIUM	58
FRANCE	40
GERMANY	18
GREAT BRITAIN	21
RUSSIA	16
ITALY	12

1. Pounds of bread the average factory worker in each country can buy with one hour's wages. (Pre-war)

U.S.A.	59.58
GERMANY	138.41
GREAT BRITAIN	171.05
FRANCE	226.08
BELGIUM	232.33
ITALY	311.10
RUSSIA	

2. Number of cigarettes the average factory worker in each country can buy with one hour's wages. (Pre-war)

U.S.A.	139.88
GREAT BRITAIN	171.05
FRANCE	226.08
BELGIUM	232.33
ITALY	311.10
RUSSIA	

3. Number of hours the average factory worker has to work to buy a similar radio. (Pre-war)

U.S.A.	139.88
GREAT BRITAIN	171.05
FRANCE	226.08
BELGIUM	232.33
ITALY	311.10
RUSSIA	

4. Comparison of real income produced annually per gainfully employed person expressed in U. S. dollars. Average for the decade 1925 to 1934—a typical period including both prosperity and depression.

U.S.A.	\$3,320
GREAT BRITAIN	\$1,069
FRANCE	\$684
GERMANY	\$646
BELGIUM	\$600
ITALY	\$343
RUSSIA	\$320

MORE COMPARISONS: Sweden \$652; Japan \$553; Poland \$552; Rumania \$243; India \$200; China \$110.

1. The U.S. figures above look good, but by the time our fighting men are in their forties, the average American can be producing twice as much real income. He can be buying twice as much bread and twice as many cigarettes with an hour's wages; working only half as long to earn a radio, a house, a hat, a vacation or anything else he needs.

2. These are facts, not promises. Since 1900 our production per man-hour has been increasing at the rate of 2 1/2% a year—far faster than any other nation's in the world. In the last 44 years we have tripled the amount of goods each gainfully employed person can produce—tripled our standard of living.

3. So if we just keep our present rate of progress, we can double it again in 25 to 30 years. But we've got to maintain our Free Competitive Enterprise System to do it. For that system is based on two fundamental principles: PROFIT and COMPETITION. And whenever a nation has tampered too much with either principle its standard of living has suffered.

4. Some have practically eliminated competition by allowing private monopolies of land and industry. Others have eliminated both profit and competition by government ownership. But in either case, the average man has taken the rap. Our system isn't perfect yet, but let's be sure that any "improvements" we consider don't hamstring the two principles that have made us great.

Union Oil Company OF CALIFORNIA

AMERICA'S FIFTH FREEDOM IS FREE ENTERPRISE

"Source: 'The Conditions of Economic Progress' by Colin Clark, Macmillan Co., London.