

Florida Note, Coldest Spot Is in California

Not long ago a man dropped an orange in Santa Monica, Calif., and the citrus fruit shattered into a million pieces because it was frozen so solid. The man who dropped the orange was wearing sheepskin underwear and an air-tight suit of leather. His head was covered with a helmet fashioned of spun aluminum and welded to the shoulders of his insulated outfit.

And since the air he stood in might have given him pneumonia if he had breathed it, an ingenious valve in his suit brought air that had been warmed by his body up to his nostrils.

The Santa Monica Chamber of Commerce does not deny this story because the most frigid spot on the North American continent is in the so-called cold room of the Douglas Aircraft factory in that community. The temperature in this room is controlled by a mechanism which climinates heat so that the mercury falls as low as 104 degrees below zero.

The purpose of the cold room is to reproduce the weather conditions under which men and planes must function at great altitudes. The test pilots at the Douglas airplane plant have found out that, at 35,000 feet, the temperature is usually about 67 degrees below zero.

Long and painstaking experiments in the cold room have made it possible to know, in advance of actual flight, that motors will work in the intense cold of the upper atmosphere and that the men flying the ships are properly dressed for their jobs.

Cat Does Not Masticate Food; Tears It Apart

The cat is a carnivorous or flesh-eating animal. It does not masticate its food as does the herbivorous animals and as man should. Its teeth and jaws are not made for that purpose. It cannot move its lower jaw as man and herbivorous animals do—from side to side. It opens its mouth by lowering its lower jaw and closes it by raising it to the upper jaw or mandible. It uses its teeth for gripping, puncturing and tearing its food to the size it can swallow easily in a lump.

As a cat does not masticate its food, the salivary glands are small, there being little demand for the saliva to mix with the food and partially predigest it before it enters the stomach, where the principal part of the digestion is carried on before it enters the intestine to undergo further digestion and assimilation. The larger and tougher the masses it swallows the longer they remain in the stomach.

The dog and cat have comparatively large stomachs but somewhat rudimentary intestines. The longer the food takes for digestion, the less craving there is for food until the next feeding time approaches.

Metal Finder Developed

A radioscope—a strange gadget that, when unfolded, is its own transmitter and receiver, has been invented by John Patrick Halloran, Los Angeles mechanic and air pilot. The instrument, he explained, is mounted on a pair of carrying handles between which the operator stands while carrying the instrument. When carried the transmitter floods the earth with strong radiation waves that are balanced with respect to the receiver so that signals can be registered both in the headphones and the detector-meter dial which is in front of the operator's eyes.

As soon as the wave encounters metal within the earth the metal becomes energized by the radio wave and sends back a radiation of its own. This reflex, he explains, is picked up by the receiver, resulting in a loud signal in the headphones and a strong deflection of the pointer on the visual indicating instrument.

Curb Disease

It is much easier to keep plants free from disease than to control the disease when established. Go over your borders at least twice a week uprooting weeds and remove faded leaves and flowers. Plants that are prevented from going to seed continue to develop flowers.

Better prune your honeysuckle several times during its growing season. It is only by constant pruning that it can be kept within bounds.

After the fruit has formed on your currant bushes, if you notice evidence of currant worms, spray with hellebore or pyrethrum. Literally soak your lawn twice a week. Semi-weekly soaking is much better than daily sprinkling.

Smallpox Still Here

Many U. S. citizens believe that smallpox was wiped out in this country decades ago. Metropolitan Life Insurance company's Statistical Bulletin recently pointed out a striking statistic: the U. S. in 1939 had over 10,000 smallpox cases. "With the single exception of India (with almost 130,000 cases)," said the bulletin, "we still lead the civilized world in our tolerance of this loathsome and dangerous disease." The reason: failure to vaccinate. Only ten states (nine of them east of the Mississippi) have compulsory vaccination laws. Smallpox is rare on the Atlantic seaboard, occurs mostly in Indiana, Iowa, California, Texas, Illinois.



Tips to Poultry Men

Damp weather has brought typhoid cholera and blackhead infection to many flocks in the Pacific Northwest. Precautionary measures, such as vaccination, worming, cleaning and disinfecting premises, will save you losses in the future. P. T. Z., the ideal worm medicine, may be purchased ready mixed in your mashes. Vaccine for Pox typhoid and cholera now on hand.

TURKEY STARTER MASH

80 pounds \$2.62

Medicated with P.T.Z. \$2.87

TURKEY GROW MASH

80 pounds \$2.48

Medicated with P.T.Z. \$2.73

GYPTABS - Fine, medium or coarse

100 pounds 95¢

STOCK SPRAY - Dr. Hess

Per Gallon 98¢

Hermiston Grain & Feed Co.

CANNING SCHEDULE

PUNE 22 - 27

8 to 11 a.m.	1 to 3 p.m.
Mon.—Beets, Peas	Asp., Beans
Tues.—Fruit	Peas
Wed.—Beets, Peas	Asparagus
Thurs.—Fruit	Peas, Beans
Fri.—Peas, Beans	Beets
Sat.—No Canning	Asp., Beans

Canning will raise 1 cent per can after July 1st.

Washing will be 40 cents after July 1st.

HERMISTON CO-OP. LAUNDRY & CANNERY

COLUMBIA NEWS

By Mrs. Bob Woodward

Mr. and Mrs. W. S. Phillips attended a family picnic last Sunday at the home of her sister, Mrs. Floyd Patton, near Pendleton, honoring her nephew, Marshall Patton. About 60 relatives were present to partake of a bounteous picnic dinner served on the lawn. Marshall left Monday evening to enter navy training.

Mrs. Walter Campbell and grandsons, Jackie Ross of Eugene, were week end visitors at the homes of her niece, Mrs. Bob Woodward, and her nephew, Myrre Caldwell.

Guests at the Liebe home Thursday of last week were Mrs. Liebe's aunt, Mrs. Ruth Nelson of Salem, accompanied by her daughter Dorothy and granddaughter Susie. The party went on to Pilot Rock Friday. This was Mrs. Nelson's first visit to Eastern Oregon.

Mrs. Fred Lenz Jr. left last Thursday for Little Rock, Arkansas, to join her husband who is now stationed at Camp Roberts. She expects to be employed there.

Mr. and Mrs. Martin Lenz of Holdman were Saturday visitors at the George Liebe home.

Mr. and Mrs. John Swearingen, who came last week from Seattle to visit, have decided to remain here. He returned to the city last Wednesday to bring their household furnishings and will at present make their home with the J. O. Swearingens at Irrigon. He is now employed as an electrician at the U. O. D.

Mr. A. H. Cable and Doreen were visiting in Pilot Rock last Saturday afternoon.

Duane Lathrop was in The Dalles last week end to visit with Mrs. Lathrop in the hospital there.

Mrs. Carl Hammer left Monday morning for Provo, South Dakota, to join her husband and will be employed in an office there for the J. A. Terteling Co. She will stop en route to visit her grandmother and aunt at Superior, Mont.

Mr. and Mrs. Myrre Caldwell made a business trip to Pendleton on Wednesday afternoon.

Mr. and Mrs. Glenn Smith and daughter Mayanna of Pilot Rock were Sunday guests at the A. H. Cable home.

Miss Gloria Hammer returned Wednesday from a two week's vacation spent visiting in Salem and in Portland.

Guests this week end at the J. H. Reid home are Mr. and Mrs. S. K. Thomas of Albany, who formerly made their home in this district.

Mrs. Getchell reports that they have received two letters this week from her son, Earl, with the news that he has arrived safely in Australia. He states that the country is quite pretty but very much "behind the times". For instance, songs popular there now are the ones that our country was singing several years ago.

Along the Diagonal: A Sunday afternoon "kids" baseball game in the Hammer field, lots of noise, and Rosalie says "We won!" . . . No one was certain as to just who made up the "we" team.

WANTS

1st Word - Minimum 20c

WANTED — SMALL FARM TO RENT. Must have some hay and pasture. Possession now or this fall. Long term lease. Write H. D. W. at Herald office. 44-3p

FRYERS FOR SALE — SOPHIA Kopacz. Phone 3186. on F. R. Moore place west of hopyard. 43-tfc

WILL SACRIFICE FOR QUICK sale—4-room house, three large lots, fruit and shade trees, garden, in 3rd street. Second house on right. Cox addition. Mrs. Kautz. 43-3p

CHERRIES FOR SALE — ALL kinds, 5 cents lb. at ranch. W. T. Bray, Umatilla. 43-3p

LOST—ON STREET SATURDAY, a pennant cameo necklace. Valued as keepsake. Reward. Leave at Herald office. 44-1p

WANTED — HOUSEWORK OR picking raspberries. Vera Mathes, R 1 Box 137, W. L. Pearson, Hermiston. 44-1p

ETHEL — I STILL LOVE YOU. Please come back to me and I will get your name in gold wire where they make them in Hermiston at Brierley's Variety Store this week. Fred. 44-1p

FOR SALE — JERSEY-Guernsey cow, just fresh, \$70.00 with calf. Will take weaner pigs as part payment. R. E. Moore, Boardman, Oregon. 44-1p

FOR SALE — 3 WKS. OLD LEG-horn chickens: 85 pullets, 115 straight run; \$40 for all. J. A. Grant, one mile north of Hermiston on Umatilla highway, first house across the street. 44-1p

LOST—GOLD RIMMED GLASSES with one bow off. Reward. P. O. Box 1337. L. L. Mohr. 44-1p

MARRIED COUPLE WANT TO adopt baby. P. O. Box 1312 or call at Herald office. 42-3p

FOR SALE OR TRADE—115 EWES and 33 lambs. Also interested in buying all kinds of livestock. I. A. Witten, Echo, Oregon, Box D. 42-6p

FOR SALE—TWO 3-YEAR-OLD colts, combined weight about 2000 lbs., \$25 each. R. F. Hensel. 43-3c

TO TRADE—1936 STUDEBAKER. A-1 shape, five extra good tires, for old model long wheel base truck. John Foy, Box 581, Hermiston. 44-3p

FOR SALE—POTATO DIGGER. H. F. Lindner, Columbia district. 44-1p

FOR SALE, TRADE OR LEASE—7-room house, 40 acre tract, 10 A. irrigated. Guy Carver, 504 SW 8th street, Pendleton. 44-3p

WOMAN OR GIRL WANTED TO work on farm, steady employment. Mrs. F. Falconer, Boardman, Oregon. 44-1c

FREE — BOXES IN WHICH TO mail those gold wire "Mother" pins or name pins purchased at Brierley's Variety Store this week. The artist makes them right there. 44-1p

FOR SALE—ONE SINGER SEWING machine, one lounge bed, one pressure cooker, two tub cider press, one Electrolux, one phonograph and records and one butter churn. Mary E. Rand, Irrigon, Ore. 44-1p



IF YOUR EYES TROUBLE YOU—

Come here and get the benefits of our more than 25 years successful optical experience. Reasonable prices for glasses when needed. We examine your eyes by modern methods and grind glasses to fit in all the latest styles.

DR. DALE ROTHWELL
OPTOMETRIST
418 Main Street
PENDLETON, OREGON

SOUNDING THAT VICTORY NOTE!



Army men go all out with brass, reed and strings in melodious proof that they enjoy their off-duty jam sessions at one of the 400-odd larger USO service men's clubs. USO's 1942 program, to be carried out through the \$32,000,000 War Fund Campaign, May 11-July 4, calls for operation of 450 clubhouses and 225 other units at Army camps and Navy stations.

1 EASY STEP TO A Bigger Milk Check



Uncle Sam wants more milk for Defense. To answer the call yet make more money for yourself feed your baby calves Security Calf Food instead of whole milk. Sell your milk instead. New Improved Security Food costs about 2 1/2 cents a day per calf, yet has all the elements of whole milk plus other energy nutrients.

Save 50% on Calf Meal

Use Security Calf Food to mix your own ALL-IN-ONE meal when calves reach 6 weeks. They do better on freshly mixed meal and you SAVE MONEY. Mixing instructions inside pail. See the nearest creamery, cheese factory or feed dealer — or mail coupon.

Umatilla Co-op. Creamery
Hermiston, Oregon

TO TRADE—GOOD HOME IN Walla Walla for Hermiston property. See F. B. Swayze at First National Bank. 42-3c

FOR SALE—PIE CHERRIES, RED raspberries, red currants. Berry pickers wanted. Mrs. A. C. Swarner. 42-3c

FOR RENT—SMALL HOUSE AND a two-room apartment. Mrs. W. L. Suddarth, Irrigon, Ore. 43-3p

HOUSE FOR RENT—FURNISHED or unfurnished. Reasonable price. 3 1/2 miles N. E. Stanfield. I. J. Couch. 43-3p

WANTED — CHORE BOY, ALL summer, must be able to milk three cows. Boy may be any age. Kate Stanfield, phone 497, Echo. 42-3c

TYPISTS & STENOGRAPHERS needed for positions under merit system. Pay \$90 and \$95 monthly to start. Information at U. S. Employment Offices. Apply Board of Examiners, 701 Spalding bldg., Portland. 43-2c

HAMPSHIRE RED FRYERS—3 to 4 lb. live wt. Available at ranch any time. Delivery orders must be one day in advance. For prices and orders phone 3892 or 3311. R. F. Hensel. 43-3c

FOR SALE — GOOD USED BUCK rake, mower and dump rake. See equipment and get prices from Mr. Parker, Coe Ranch, Stanfield. 40-tfc

WE BUY, SELL AND EXCHANGE furniture, machinery, household articles. Miller's Trading Post, Hermiston. 23-tfc

GOOD BUYS IN USED CARS — See The Hermiston Auto Co. 44-1c

E. P. DODD — REAL ESTATE, sales, leases, exchanges. Insurance—fire, automobile, accident. Notary public, execution of legal papers. Herald office, Hermiston, Oregon. 15-tfc

Eugene C. Willcutt, D. O.
Physician & Surgeon
Phone 932 Stanfield, Ore.

WRECK YOUR CAR?
Let STATE FARM MUTUAL INSURANCE foot the bill. See Art Thompson, agent. (Formerly sold by Virgil Wilkes) P. O. Box 1311.

GEO. M. WINCH
Painting & Decorating
Also Spray Painting
Phone 753 Stanfield

DR. I. C. BOHLMAN
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First National Bank Building
Phone 3151 Hermiston

J. V. VILLERMOURE
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Dr. A. E. MARBLE
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Office: 2 blocks E of post office
Office hours: 8 to 12 - 1:30 to 6
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