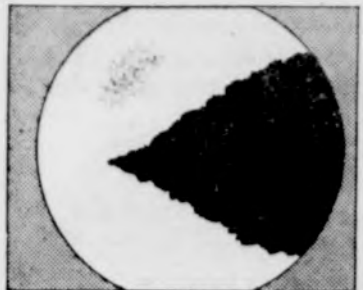


# Windows On New Worlds

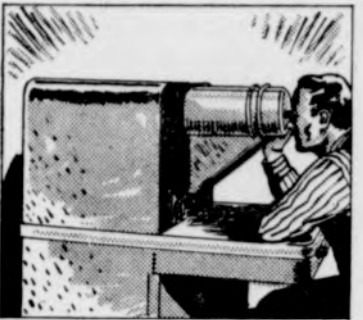
Hair-splitting is no longer a joke with the new electron microscope, which makes visible a whole world that has previously been too small for scientists to study.



1. Using particles of electricity instead of light, the instrument makes a mosquito's stinger, 1/1000 the diameter of a hair, look like this.



2. Crystals, dust particles, disease-producing viruses can be enlarged to a million times to examine their nature and structure.



3. Portable, operating from ordinary power lines, it is expected to speed war research in laboratories of colleges and war plants.



4. After the war, it may be useful in many fields—for example, in searching for the cause of such diseases as the common cold.

General Electric believes its first duty as a good citizen is to be a good soldier.  
General Electric Company, Schenectady, N. Y.

## GENERAL ELECTRIC

### HAY SHORTAGE TO INCREASE USE OF WHEAT

With the market supplies of hay becoming extremely light all along the Pacific coast, prices have moved up sharply during recent weeks to the highest levels for many years, according to the weekly hay market review broadcast on KOAC by the O. S. C. Extension service.

These conditions lend emphasis to the information contained in a new food-for-victory bulletin on feeding wheat to milk cows under wartime conditions just released as Extension Bulletin 611.

The bulletin points out that if wheat for dairy cattle is ground coarsely it can be fed up to 50 per cent of the grain ration without ill effects and that it has been fed up to 75 per cent with no trouble except some loss of palatability. The bulletin shows the comparative value of different feeds at different prices, and gives directions for preparing various concentrate mixtures containing large amounts of coarsely ground wheat.

From the standpoint of total digestible nutrients, if ground wheat can be purchased at \$40 a ton or less it is a better buy than alfalfa hay at \$25 a ton, according to the bulletin. More wheat feeding can thus serve to "stretch" the hay supply.

One reason for the scarcity of hay available for shipment is the difficulty to obtain labor for baling and hauling. Storms have interfered also, although the supply of hay actually available for movement is probably quite limited, says L. R. Breithaupt, extension economist.

Specific official data as to stocks of hay now at hand are not available, but unofficial reports on hay supplies and livestock numbers, as well as price trends, indicate that supplies of hay are shorter than usual and prob-

ably sufficient only for a normal winter at best.

In the event that heavier than normal feeding is required the balance of this winter, the value of Oregon's surplus wheat reserve will become more apparent each month until new feed becomes available, says Breithaupt. Wheat is an excellent feed for other livestock, as well as for milk cows, according to tests made by the Oregon experiment station over a period of years.

### RECKS WRECK ALL OPPOSITION

With the Hermiston Bulldogs taking the night off the Hermiston high school intramural squads went to town last Monday night. Before the night was over three fast games had been played and everybody had seen lots of action.

The first game was a battle between a pair of girls teams. The Deckies triumphed over the All-Stars 18 to 13 in a close game. Verna Kowitz topped all scorers with a total of 8 points.

Game number two was between the Ramblin Recks and the Hoosiers of the intramural league. It was a breeze for the Recks who had things their way all evening. They dropped baskets in from all over the floor with most of their points coming from a fast break. The count at half time was 28 to 2 in favor of the Recks. The second half only duplicated the first and by the end of the massacre the Recks had powerhoused their way to a 45 to 4 victory.

The final game was between the cellar-dwelling Hillbillies and the Williams Gremlins. As usual the Hillbillies made a good game of it but were unable to score the points it took to win. Led by Ray Shaw the Gremlins came out on top 17 to 5 to take over third place in the league.

## Poems

### A TYPICAL HOBO

(The following poem was written by N. J. Vanskike and presented recently by him to a gathering of the Townsend club.)

Just look at me, ain't I a sight,  
Clothes full of holes and not a place to light.  
Shoes with no soles, no socks to wear  
Would nearly drive me to cuss and swear.

No buttons, no thread, no one to sew,  
It's awful to be poor and out in the snow.  
But when we look back and retrace our tracks,  
We think of a warm fire in a comfortable shack.

To wear such clothes you'd think I'm crazy,  
You'd almost think I'm about half lazy.  
But you can't be lazy with these little bugs in throngs  
For you've got to scratch to keep them moving along.

I would get married but you never can tell,  
If it's going to be sweet heaven or hideous hell.  
But we won't mind that if we're out of the cold  
For we've got to be brave, courageous and bold.

I feel so lonely with my clothes all torn,  
With my hair all matted and face unshorn,  
But spring is only around the corner  
And we needn't worry about a climate warmer.

We'll make it through if we stick together,  
No matter how bad and cold the weather.  
I'll patch my clothes, I'll mend my socks,  
And quit walking around on railroad rocks.

I'm proud of the crowd assembled here,  
And wish you all a lot of good cheer.  
May we often meet and dance together,  
No matter how bad and cold the weather.

So now we're off with a grand old bang  
With a hilarious rip snorting gang.  
Don't mind my clothes, for they will wear  
Until we have Victory over there.

(The poem below was written prior to Christmas by Mrs. Zona Harder and sent to her brother, Eddie Bensch, who is stationed at McDill Field, Fla. Mrs. Harder, formerly of Hermiston, now resides at Susanville, Cal. Eddie liked the poem so well he mailed a copy of it to his sister, Mrs. Walt Pearson. Mrs. Pearson submitted it to The Herald office.)

All over the world, in a suit of tan,  
Doing his duty as best he can,  
A little bit lonesome, a little bit blue,  
He carries the torch for me and you,  
With pity and mercy—malice towards none,  
He'll carry on 'til the job is done.

He isn't a martyr, a hero, or such,  
Perhaps at home he wasn't so much,  
He may complain, or he may not,  
He may have little, or maybe a lot.  
He's just a soldier doing his best,  
To do a job, and pass the test!

And those of us who can only wait  
For the end of all this struggle and hate,  
Are proud of our boys in the suit of tan,  
And will carry on as best we can.  
To our boys in the army, navy, or air,  
We send this message everywhere—  
"May God protect and be with you  
In everything that you may do,  
May he lead you, guide you, so that then  
There'll be 'Peace on earth, Good will to Men.'"

### UMATILLA BOY IS MARRIED

Of interest to his friends in this district is the recent marriage of Miss Mary Catherine McCollum to Donald Vaughn Roach, son of Mr. and Mrs. W. E. Cutting of near Umatilla. The bride is the daughter of Mr. and Mrs. J. H. McCollum of Coeur d'Alene, Ida.

Miss Ruth McCollum, sister of the bride, and Harry Ragsdale of San Jose, Calif., attended the couple. Miss McCollum wore a gold dress with a brown jacket and brown accessories. Her corsage was of red roses.

The bride is a graduate of the Coeur d'Alene high school and Kinman Business University and is now employed at the Idaho First National bank. Mr. Roach is employed there by the Railway Express company.

### CREDIT HELP TO FARMERS SLATED

Vastly broadened credit assistance to farmers to help them meet their 1943 Food-for-Freedom goals was announced today by A. R. Coppock, chairman of the Umatilla County S. S. D. A. War Board.

Authorization will be given the County War Board to recommend loans which will be made through the Regional Agricultural Credit Corporation of Washington, D. C., a Federal agency supervised by the Farm Credit Administration.

The loan will be made locally through a county loan representative who will be designated by the War Board to act for the Corporation.

Mr. Coppock points out that this new program gives every county producer assurance of an immediate source of credit for the fullest utilization of his farming facilities.

### LIVE POULTRY

We are in the Market for  
LIVE POULTRY  
of All Kinds  
— Cash on Delivery —  
PERRY BROS. - G. G. SMITH  
Stanfield, Oregon

Loans will be made on the basis of the amount needed to do the production job. However, these loans will be made only if they will enable borrowers to engage in or increase their production of needed agricultural commodities.

The chairman said that the new program is not a substitute for other sources of credit, nor is it intended to compete with other lenders. Its purpose is to supplement such other sources of credit where needed. Each producer is urged to obtain his financial requirements, if possible, from other sources. Such sources, he explained, included local banks, Production Credit Association, the Emergency Crop and Feed Loan section of the Farm Credit Association, and the Farm Security Administration.

Loans under the new program will be for one agricultural season, not to exceed one year, but renewals may be granted under proper circumstances. Interest will be at 5 per cent. Collateral will be first liens on the commodities, livestock, or other items, being financed.

The County War Board is now awaiting full instructions for the handling of these loans, and will announce when applications will be accepted as soon as information is received, Mr. Coppock said.

Notice is hereby given that certificates of equity, Nos. 295 to 552, inclusive, for the issue of the year 1927, will be paid at the office of the Farm Bureau Co-operative in Hermiston, Oregon, upon presentation, properly endorsed.

Farm Bureau Co-operative of Hermiston.

### NOTICE TO CREDITORS

In the County Court of the State of Oregon for Umatilla County.

In the Matter of the Estate of Mima May Hardie, Deceased.

NOTICE IS HEREBY GIVEN that the undersigned has been appointed administrator of the estate of Mima May Hardie, deceased, and has qualified as the law directs. All persons having claims against said estate are required to present the same to me either at my office in the First Nat-

ional Bank of Hermiston or to W. J. Warner, my attorney in Hermiston, Oregon, with proper vouchers within six months from the date hereof.

Dated this 25th day of January, 1943.

F. B. SWAYZE, Administrator of the Estate of Mima May Hardie, Deceased.

(Jan. 28—Feb. 25)

NOTICE TO TAXPAYERS

Every person in Umatilla County owning or having in his possession on the first day of January, 1943, any assessable personal property is required by law to report same to the County Assessor not later than March 1, 1943.

The uncertainty of the weather and the scarcity of automobile tires make it impractical to use field men. Therefore, people new in the county and those who had no personal property last year must either call at the office or write for an assessment blank.

We earnestly request your full cooperation in this matter.

D. W. Davis  
County Assessor  
Umatilla County, Oregon.

(Jan. 28-Feb. 4)

NOTICE OF LAND SALE

NOTICE IS HEREBY GIVEN, That the undersigned, Sheriff of Umatilla County, Oregon, by virtue of an order duly made and entered herein by the County Court of Umatilla County, Oregon, on the 19th day of January, 1943, will, on the 23rd day of February, 1943, at the hour of 10:00 o'clock in the forenoon, sell to the highest bidder for cash at the front door of the Umatilla County Court House, Pendleton, Oregon, subject to a minimum price of \$2427.00

therefore, to be paid in cash, at the time of sale; the following described parcels of land, heretofore by Umatilla County, Oregon, acquired for delinquent taxes, to-wit:

E 1/2, Section 1, SE 1/4 NE 1/4 less R of W. Section 12, Twp. 4, North Range 27, EWM.

S 1/2 South of West Extension Canal, Section 13, All Section 25, N 1/2 & SE 1/4, Section 36, Twp. 5, North Range 27, EWM.

All Section 29, E 1/2 NE 1/4 & N 1/2 SE 1/4, Section 32, W 1/2 NE 1/4 West of Gov. Reserve & N 1/2 NW 1/4 SW 1/4, Section 33, Twp. 5, North Range 28, EWM.

R. E. GOAD, Sheriff of Umatilla County.

(Jan. 21-Feb. 18)

NOTICE TO CREDITORS

In the County Court of the State of Oregon for Umatilla county.

In the Matter of the Estate of Caroline Lynch, Deceased.

Notice is hereby given that the undersigned has been appointed administrator of the estate of Caroline Lynch, deceased, by order made in the above entitled Court and cause. All persons having claims against the above entitled estate are hereby notified to present the same, with proper vouchers, to me at Freewater, Oregon, or to my attorney, Homer I. Watts, at his office at Athena, Oregon, within six months from the date hereof. All claims should be verified to as by law required.

Dated at Athena, Oregon, this 7th day of January, 1943.

Joseph Lynch, Administrator of the Estate of Carolyn Lynch, Deceased.

Homer I. Watts, Attorney for Administrator.

(Jan. 7-Feb. 4)

WANTED—MIDDLE AGE WOMAN in Umatilla to do four hours work each month, sixty cents an hour. Write Z. % Hermiston Herald. 24-1p

FOR RENT—SIX ROOM UNFURNISHED house, also small furnished house. Mrs. W. L. Suddarth, Irrigon, Oregon. 24-3c

FOR SALE—5-YEAR-OLD GUERNSEY, fresh in about 10 days. Would make a good town cow, gentle. Also roan shorthorn bull calf, suitable for herd bull. Henry F. Lindner, Columbia district. 24-3c

LOST—REAR WHEEL GUARD for Maroon Chevrolet car. Please leave at Herald office. Revard, Dan Follett. 24-1c

LOST—PIN ON WATCH. Reward, please return to Elvina Burford, at P. & G. Cafe. 24-1p

FOR SALE OR TRADE — FOR other property or livestock. 50 acres; 12 miles west of U. S. Ordnance Depot, via new highway. Good soil, 42-acre water right, good well, some fruit, poor buildings. O. C. Hughes, five mi. N. E. of Hermiston, Route 1. 23-3p

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

FOR SALE — TWO TRAILER houses without wheels parked in a clean, convenient camp. Cheap, for quick sale. Mrs. Goldie Clark, at Igloo Inn after 9:00 p. m. or write Box 575, Hermiston. 24-1p

WANTED—4-TINE JAXON FORK. B. P. Rand, Irrigon, Ore. 23-3p

FOR SALE—STORE FIXTURES, display counters, etc. Inquire Stone's Food Store, Walla Walla, or Hermiston Herald. 24-2c

FOR SALE—600 L.B. ECONOMY King separator, A-1 condition, bowl capacity five gallons. \$25; good Guernsey-Jersey milch cow. \$65; three five gallon cream cans; one 40-ft. pole stacker; one jack screw; one large size mortar box. Arthur Woodring, 3 miles west of Stanfield, 1/2 mile off Stanfield highway. 23-3p

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

FOR SALE or TRADE—ONE PLYMOUTH coupe, 1936. W. A. Allen, Rt. 1, Columbia district. 23-3p

FOR SALE—1931 MODEL A. EXCELLENT condition, good tires. Bargain for cash. Frances Swinney, phone 3681. 22-3p

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

WANTED—PART TIME STENOGRAPHER. W. J. Warner. 22-tfc

WANTED—USED HOOKED RUG frame. Mrs. H. G. McCulley, phone 3426. 22-tfc

FOR SALE—PIANO. OR WILL trade for brood sow or stock. Mrs. W. L. Suddarth, Irrigon, Ore. 22-3c

FOR SALE—1931 MODEL A. EXCELLENT condition, good tires. Bargain for cash. Frances Swinney, phone 3681. 22-3p

WANTED—TO BUY ALL TYPES of furniture. We pay cash. Call or write Miller's Trading Post. 24-tfc

FOR RENT—LARGE ROOM WITH three single beds; also room with double bed. West Side Hotel, Hermiston. 24-3p

FRAMES FOR GLASSES. A. W. Behrman, Jeweler. 47-tfc

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

WANT TO BUY CATTLE—HIGHEST prices paid. Write me. Ed O'Donnell, Hermiston, Ore. 17-tfc

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

FOR SALE—LIVESTOCK OF ALL kinds. E. E. Pulley, Hermiston. 3-tfc

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