

## Beaverton Review

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—By—  
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FRIDAY, DECEMBER 7, 1928.

Absence makes the picture post-cards accumulate.

The man who lives by his wits is not always a high liver.

Many a seemingly successful man owes it all to his wife's father.

Some family skeletons can't be kept in a closet.

Misery loves company, but not any more than happiness does.

So many have been doing five days' work and scattering it over six days.

There's one Progressive Senator not easy to handle. He doesn't eat breakfast.

A woman doesn't really begin to have faith in a man until other people lose it.

What this country needs, along with a good five-cent cigar, is a five-cent appetite.

The "attacks" is that region where a thief is just a thief instead of a master criminal.

So few attain that nice balance midway between inferiority complex and swellhead.

The moonstruck woman plays on her husband's to increase his stock of family connections.

Keep your eyes on the humble man. Perhaps he is lying low for the purpose of humbling you.

Few women are interested in the study of prehistoric man. Their specialty is for the man of today.

Many a man's reputation for truthfulness goes lame when he begins to say things about himself.

It costs a man a lot to live up to his ideals. That's the reason many a man can't afford to get married.

Nothing is calculated to jar an eligible girl like a young man who talks about his money but says nothing about matrimony.

When a woman goes visiting nothing hurts her so much as her inability to impress upon her hostess that she is used to something better at home.

This marks the beginning of a new year for The Review. We believe we have set a record so far as the time which a paper has been continued in Beaverton under one owner and under one management.

Several papers had been run for them over a period of years. We have not been intentional ones. We may be in error for we do not have the files of previous papers in front of us and we do not know where we can get the data.

From the time we came here until the present we have steadily forged ahead, we have sponsored the causes which seemed to us best for the town. Undoubtedly we have made mistakes, but they have not been intentional ones. The conduct has been conducted with the idea of what is best for Beaverton. We advocated the tunnel for the schools, the road to the coast, the improvement of the highways, and many other things which seemed to us best for the community.

We have taken exception, and probably there has been our greatest mistake, but it has seemed to us that exceptions should be taken at times. We hold no ill-will towards any person, project nor institution. We are here to help develop this community and will ever be willing, yes, eager to take a hand in anything that looks to us as though it would further the interest of the community. Let those who have thrown suspicion, slander and invective towards us but come with any project that is for the betterment of the community and we will listen, and give every aid and comfort that is in our power.

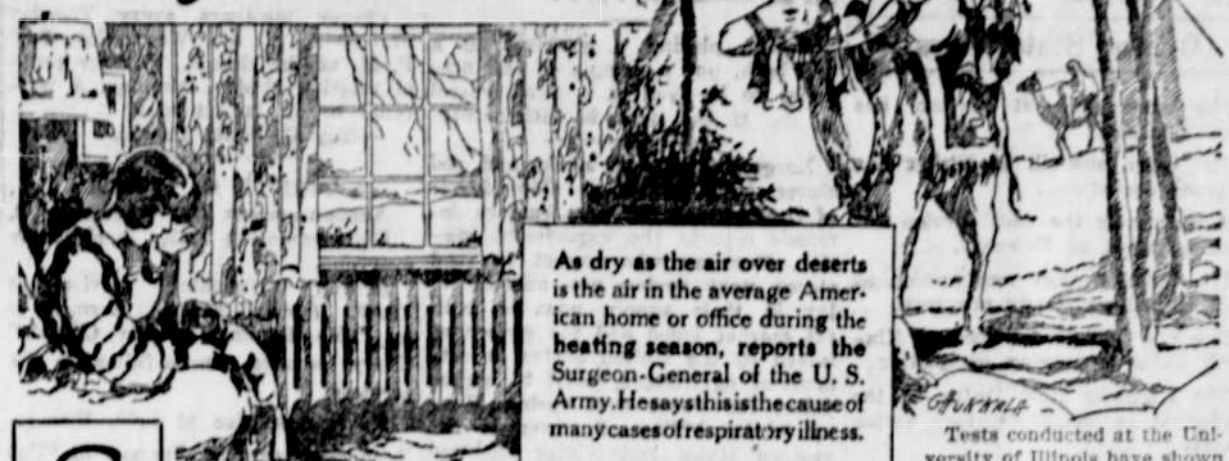
We have enjoyed being here, we have enjoyed a liberal patronage, we have not a single complaint to make so far as we, personally, are concerned. If the coming year prove as fruitful as the past seven, we will have not a single complaint.

## LOCAL NEWS

Mrs. James Court's expects her husband from Spokane to be home during the Christmas holidays.

Dewey, the plumber has installed the following heaters during the past week: Allen Parlor Furnace to D. Shaw; Allen Parlor Furnace to C. Black of Aloha; Allen Parlor Furnace to Mr. Walter; Ideal Gas Heater to P. L. Schultz; Gas Vector Heater to W. R. Hampden of Redville.

# Science Finds American Homes Are "Humid Dry Kilns!"



As dry as the air over deserts is the air in the average American home or office during the heating season, reports the Surgeon-General of the U. S. Army. He says this is the cause of many cases of respiratory illness.

**L**IKENING the average over-heated under-humid American home to a "human dry-kiln," Dr. Thomas Hubbard of Toledo, Ohio, past president of the American Medical Association, in an article recently published in the Journal of that organization, said:

"Unhygienic heating, combined with foolish fashions in clothing, results in acute and chronic diseases of the upper and lower respiratory tract."

"The hothouse habit," Dr. Hubbard calls the American practice of living in excessively warm dry indoor temperatures. Louis E. Blanchard, A. B., M. D., of Buffalo, New York, is another medical authority who has expressed himself on this subject in print.

"An abnormally dry air," says Dr. Blanchard, "such as is produced by heating systems without adequate humidifying equipment, causes an excessive loss of moisture from the body and concentration of body fluids. In the average home the air is drier than the atmosphere over the deserts."

## Desert Air in U. S. Homes.

This last statement is borne out by facts gathered by the Holland Institute of Thermology, of Holland, Michigan. In countless steam and hot-water heated homes and offices, the relative humidity is only 23 per cent, or even lower. This is actually drier than the air over the Sahara, where the average relative humidity is 33 per cent.

So the evidence of modern medicine favors the conclusion that one of the greatest causes of colds and other disorders of the breathing apparatus is lack of proper humidity in our homes.

Relative humidity, the Holland Institute of Thermology explains, is the amount of moisture suspended in the air as compared with the amount the air could hold. When the air contains all the moisture it can stand the relative humidity is said to be 100 per cent. If the relative humidity of the air in a room is 50 per cent, it contains just half as much moisture as it could possibly hold at that particular temperature.

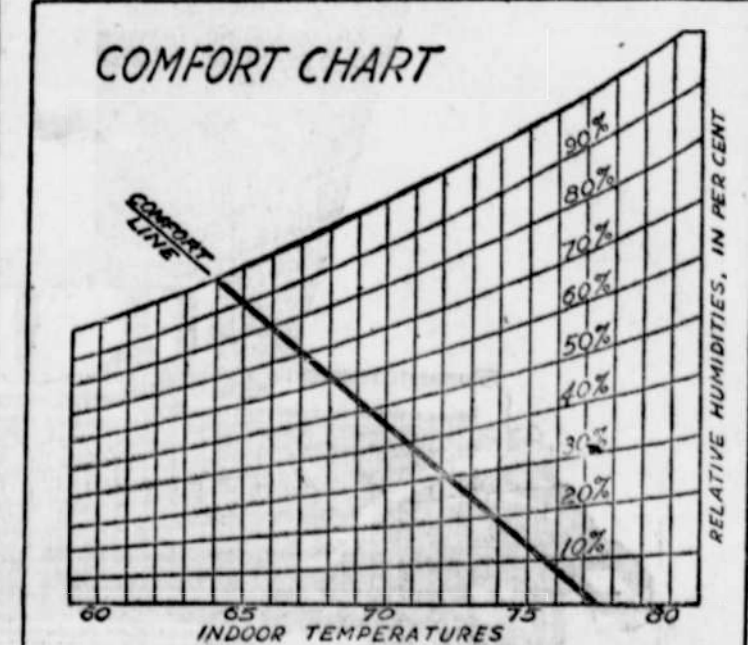
Air's ability to hold moisture increases as the temperature rises. In winter the temperature of outdoor air is low; so it cannot hold much water. When this comparatively dry air comes into the house, it is warmed. Then it is capable of holding much more moisture. This must be supplied to it. If it isn't, the relative humidity is too low for health and comfort.

## Chart Shows Ideal.

So the first practical thing for you to know is just what combination of heat and relative humidity is required in your home. By means of elaborate experiments, the American Society of Heating and Ventilating Engineers have learned that. Their findings are shown, with scientific and mathematical accuracy, in a "Comfort Chart."

The Holland Institute of Thermology has simplified this chart so that it can be used easily by any family in its own home. The simplified chart is published here for the first time.

There are three sets of lines in it. Those that go straight up and down represent the temperature. The curving diagonals show the relative humidity.



From This Simplified Comfort Chart You Can Tell Just What Humidity Ought to Prevail in Your Home at Various Temperatures.

**In Confidence**

Readers desiring a personal reply can address Miss Flo, in care of this newspaper.

Dear Miss Flo,

The heavy straight diagonal is known as the Comfort Line. It has been established by many physiological tests, as the ideal to work toward.

Let's see how you can use this chart in your home. Suppose your thermometer shows that the temperature in your living-room is 70 degrees. You run your finger up the chart to where the Comfort Line crosses the 70-degree temperature line. This falls midway between 40 and 50 per cent relative humidity. So you know the relative humidity in the room should be about 45 per cent.

**Humidity Is Economical.**

But suppose our temperature is 65 degrees instead of 70. The Comfort Line crosses 70 degrees exactly on the line representing 90 per cent relative humidity. So if we want to be as comfortable with the thermometer down at 65 as we were when it was up at 70, we must have a relative humidity of 90 per cent.

"And the moral of that" is that, in

| If you live in the.....                                                                                                                         | South Atlantic Central North Pacific States States States States |                |              |                |
|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------|--------------|----------------|
|                                                                                                                                                 | Atlantic States                                                  | Central States | North States | Pacific States |
| And if your home is about the size indicated here, you will need to evaporate the volume of water shown in the appropriate column at the right. |                                                                  |                |              |                |
| 4-room bungalow                                                                                                                                 | 10 qts.                                                          | 4 qts.         | 10 qts.      | 8 qts.         |
| 5-room bungalow                                                                                                                                 | 12 qts.                                                          | 5 qts.         | 12 qts.      | 9 qts.         |
| 5-room house                                                                                                                                    | 16 qts.                                                          | 6 qts.         | 15 qts.      | 12 qts.        |
| 6-room house                                                                                                                                    | 20 qts.                                                          | 8 qts.         | 20 qts.      | 15 qts.        |
| Small 7-room house                                                                                                                              | 24 qts.                                                          | 9 qts.         | 24 qts.      | 18 qts.        |
| 7 or 8 rooms                                                                                                                                    | 30 qts.                                                          | 12 qts.        | 30 qts.      | 23 qts.        |
| 8 or 10 rooms                                                                                                                                   | 40 qts.                                                          | 15 qts.        | 40 qts.      | 31 qts.        |

general, heating costs will be lower in the home which is properly humidified and kept at moderate warmth than in the house constantly filled with excessively hot dry air.

Unless the air in the home contains ample moisture, the temperature will have to be kept high and the heating system will have to be over-fired to do it. Steady, moderate firing produces both the most economical and the most even heat. Forcing the heating plant runs the cost up. It also results, sooner or later, in burning out the grates and firebox, and this necessitates costly repairs.

**How Much Evaporation?**

So the Comfort Chart shows exactly what relative humidities should prevail. There's only one way of producing humidity, and that is to evaporate water into vapor and circulate it in the air. So the simple practical question you must have answered is: How much water must be evaporated in my home each day to produce the ideal relative humidity?

The Holland Institute of Thermology also has worked this out for you and presents the results here for the first time in the Daily Evaporation Table.

In the preparation of this table it was taken for granted that half the necessary evaporation will come from your cook stove, laundry, and bathroom, water from running faucets, and other incidental sources in the household routine. Air conditioning experts assume that half the total moisture required will come from such sources while the other half must be supplied by the humidifying equipment.

**Humidifier Is "Foolproof."**

These facts have created the necessity for an automatic humidifier, which is met by the latest type of vapor-air warm humidifier heating plant. As part of this equipment, there is an automatic device attached to the plumbing pipes. It is turned on at the beginning of the heating season and introduces a constant flow of water for evaporation into the central heating plant, and the resultant vapor is carried up to the rooms by the circulating air-currents.

Engineering tests on this automatic humidifier have shown it capable of evaporating from three to more than 20 gallons of water a day. In severe winter conditions in representative home-installations, it has maintained relative humidities ranging from 40 to 64 per cent in the various rooms.

Like all automatic devices, an automatic humidifier must be "foolproof" if it is not to be switched constantly. The device used with the vapor-air warm air heating plant presents no danger, for if the home-owner permits more water to flow through it than can be evaporated, the excess goes into the ash-pit, where it dampens the ashes to prevent dust and creates steam which aids in combustion.

great respect. I love him dearly, and he tells me that he loves me. My love affair with him seems to be different from all others I have ever had although I am only seventeen years old. He is twenty-one. Do you suppose this is a "puppy love affair" or true love?

In the meantime I have planned to finish school and go to college, but he objects to this. He says it will be too long to wait. Which do you think is best for me to do, give him

up and go to school, or do as he likes. Will he wait for me if he loves me truly?

PEGGIE.

Dear Peggie, I think you should continue your studies. At least finish school even if you do not go to college. The young man, will, I believe, wait for you if he really loves you.

Explain to him that you feel you can be a better wife and mother if blessed with the advantage of a good, general knowledge.

I'm sure if you reason with him, he will promise to wait for you. Do not be defiant about it, but hold your ground as well as you can and he may come around to your way of thinking.

Dear Miss Flo,

I am a boy in my senior year in high school. I like a girl very much. Each time I write her she waits three or four weeks to answer, giving some foolish excuse.

What could you advise me to do? Do you think she cares very much for me? I do not love her enough ever to marry her.

A. M.

Dear A. M., you seem to be quite puzzled, but can't you stop to realize that this does not necessarily mean anything. Some people answer letters as soon as they get them, others keep putting off answering.

There is nothing about her delay in writing that should make you think she does not care for you; on the other hand, if you do not love the girl enough to even marry her, and are positive of this, why be so concerned?

As long as you and she are just good friends, there is no reason for not pardoning a little tardiness in answering your letters.

Rag rugs will stay clean longer and will not wrinkle up if rinsed in thin starch when being washed.

Fruit stains can be removed if dampened with camphor before being put in the laundry. This does not injure the most delicate colorings.

## SUMMONS

For Publication in Force of Tax Lien.

IN THE CIRCUIT COURT OF THE STATE OF OREGON FOR WASHINGTON COUNTY.

L. R. Miner, Plaintiff, vs. Nettie R. Metzger; Henry W. Metzger and Flora Metzger, his wife; Adolph Wolfe, unmarried; Henry G. Wolfe and Laura Wolfe, his wife; George Wolfe and Gertrude Wolfe, his wife; Jerome Wolfe; Sanford Wolfe and Sadie Wolfe, his wife; Adele Olsen and Bert Olsen, her husband; Sadie Collier and Robert Collier, her husband; Edward Neustadter, unmarried; and Jack Neustadter, a minor; also all other persons or parties unknown claiming any right, title, estate, lien or interest in the real estate described in the amended complaint herein, Defendants.

To Nettie R. Metzger; Henry G. Wolfe and Laura Wolfe, his wife; George Wolfe and Gertrude Wolfe, his wife; Jerome Wolfe; Sanford Wolfe and Sadie Wolfe, his wife; Adele Olsen and Bert Olsen, her husband; Sadie Collier and Robert Collier, her husband; also all other persons or parties unknown claiming any right, title, estate, lien or interest in the real estate described in the amended complaint herein, of the above named defendants:

IN THE NAME OF THE STATE OF OREGON: You and each of you are hereby notified that L. R. Miner the holder of Certificate of Delinquency numbered 1873, issued on the 19th day of May, 1925, by the Tax Collector of the County of Washington, State of Oregon, for the amount of \$10.84, the same being the amount then due and delinquent for taxes for the year 1920, together with penalty, interest and costs thereon upon the real property assessed to Herman Metzger (now deceased) of which property defendants, Nettie R. Metzger and Henry W. Metzger, (heirs of said Herman Metzger, deceased) are the owners as appears of record, situated in Washington County, State of Oregon, and particularly bounded and described as follows, to-wit:

Lot 6, Block 50, Metzger Acre Tracts.

You are further notified that the said L. R. Miner has paid taxes on said premises for prior and subsequent years with the rate of interest on said amounts as follows: for the year of 1916: rec't no. 14603, \$4.50, 12% int.; 1917, rec't no. 14225, \$4.10, 12% int.; 1918, rec't no. 14854, \$4.15, 12% int.; 1919, rec't no. 14582, \$6.23, 12% int.; 1921, rec't no. 16932, \$8.65, 12% int.; 1922, rec't no. 16436, \$9.08, 12% int.; 1923, rec't no. 15813, \$8.64, 12% int.; 1924, rec't no. 8587, \$4.19, 12% int.; all above

were paid on May 19, 1925. For 1924, rec't no. 14925, \$4.15, 12% int. was paid on Oct. 21, 1925. Delinquency Certificate No. 1873, amount \$10.84, rate of interest, 12%, Total \$69.37 up to January 19, 1926.

Said Nettie R. Metzger and Henry W. Metzger, as owners of the legal title of the above described property as the same appears of record, and each of the other persons above named are hereby notified that L. R. Miner will apply to the Circuit Court of the County and State aforesaid for a decree foreclosing the lien against the property above described and mentioned in said certificate.

You and each of you are hereby further notified that L. R. Miner, the holder of Certificate of Delinquency numbered 1927, issued on the 3rd day of July, 1925, by the Tax Collector of the County of Washington, State of Oregon, for the amount of \$16.10, the same being the amount then due and delinquent for taxes for the year 1920, together with penalty, interest and costs thereon upon the real property assessed to Herman Metzger (now deceased) of which property defendants, Nettie R. Metzger and Henry W. Metzger, (heirs of said Herman Metzger, deceased) are the owners as appears of record, situated in Washington County, State of Oregon, and particularly bounded and described as follows, to-wit:

Lot Three (3) Block Forty-one (41) Metzger Acre Tracts.

You are further notified that the said L. R. Miner has paid taxes on said premises for prior and subsequent years with the rate of interest on said amounts as follows:

for the year of 1911, rec't no. 9181, \$9.27, 12% int.; 1914, rec't no. 13519, \$7.25, 12% int.; 1915, rec't no. 14251, \$9.50, 12% int.; 1916, rec't no. 14605, \$11.03, 12% int.; 1917, rec't no. 14227, \$9.37, 12% int.; 1918, rec't no. 14858, \$8.92, 12% int.; 1919, rec't no. 14585, \$9.39, 12% int.; 1921, rec't no. 15943, \$13.07, 12% int.; 1922, rec't no. 16467, \$12.62, 12% int.; 1923, rec't

no. 15935, \$12.05, 12% int.; 1924, rec't no. 9174, \$5.85, 12% int.; 1924, rec't no. 14924, \$5.74, 12% int.; all above were paid on July 8, 1925. Delinquency Certificate No. 1927, amount \$16.10, rate of interest, 12%, Total \$139.06 up to January 19, 1926.

Said Nettie R. Metzger and Henry W. Metzger, as owners of the legal title of the above described property at the same appears of record, and each of the other persons above named are hereby notified that L. R. Miner will apply to the Circuit Court of the County and State aforesaid for a decree foreclosing the lien against the property above described and mentioned in said certificate.

And you are hereby summoned to appear within sixty days after the first publication of the summons, exclusive of the day of said first publication, and defend this action or pay the amounts due as above shown, together with costs and accrued interest, and in case of your failure to do so, a decree will be rendered foreclosing the liens of said taxes and costs against the land and premises above named.

This summons is published by order of Honorable Geo. R. Bagley, Judge of the Circuit Court of the State of Oregon, for the County of Washington, and said order was made and dated this 30th day of October, 1928, and the date of the first publication of this summons is the 2nd day of November, 1928.

All process and papers in this proceeding may be served upon the undersigned residing within the State of Oregon, at the address hereinafter mentioned.

L. R. Miner, Plaintiff, Residence and Address, Metzger Oregon.

M. B. Bump, residence and address, Hillsboro, Oregon.

D. D. Bump, residence and address, Forest Grove, Oregon.

Attorneys for Plaintiff.

Date of First Publication, November 2, 1928.

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