

Beaverton Review

Issued Every Friday at Beaverton, Oregon.
THE REVIEW PUBLISHING CO.

Entered as second class matter December 9, 1922, at the postoffice at Beaverton, Oregon, under the Act of March 3, 1879.

FRIDAY, AUGUST 30, 1929

J. H. Hulett .. Business Manager

A lit-up driver is a poor substitute for headlights.

Correct this sentence: "Man wants but little here below."

Many novels have a moral, and the best sellers have their immoral.

Most folks prefer to do their stuff before a well filled grand stand.

There would not be so many tired business men if there were fewer bores to annoy them.

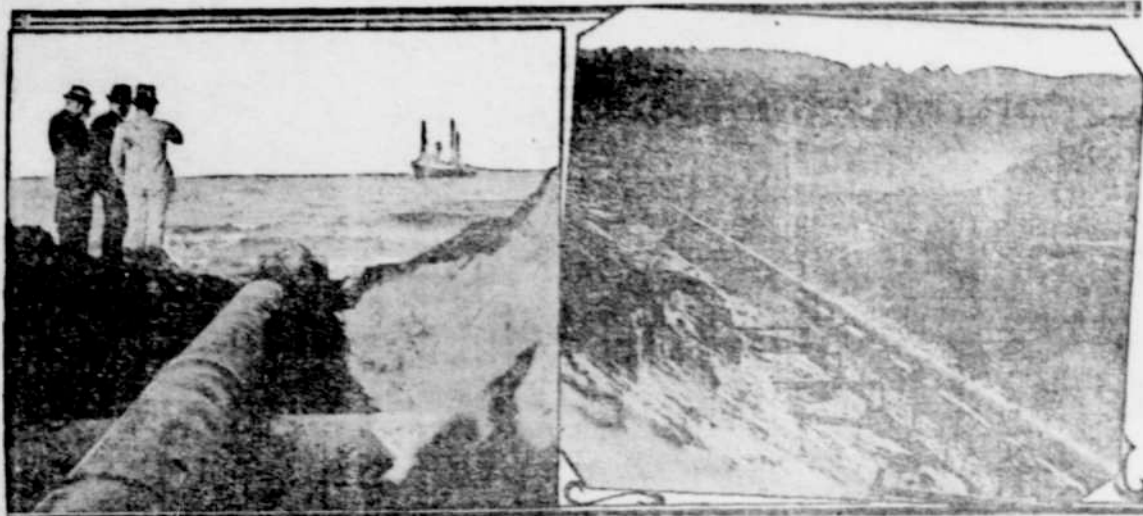
Anything of wood is appropriate for a wooden wedding present, excepting wood alcohol.

France was recently excited over the Question Mark, while Germany worried with the mark question.

An exchange tells of a man who "lay in a state of comma for eight days." But wouldn't that be a period?

Who's Who?

Service Conquers Ocean Hazard



The photos cover incidental features of the actual laying of an ocean pipe line, which was towed to sea by the steamer "Peacock," which is seen in the distance, after having been welded into a single piece on shore. A cable line was made fast to the nose of the pipe line by a special bridge. The pipe line rested on a long runway, which was heavily greased. Skids under the pipe gave the pipe its half mile "ride" down to disappear in the ocean, and were cut away as the pipeline slid into the water. The operation was engineered by the General Petroleum Corporation.

SANTA CRUZ, July 10.—A "plus ultra" in sales service through the medium of unique engineering has developed here in the completion of a marine delivery unit of the General Petroleum Corporation of California to supply all fuel requirements of the giant Santa Cruz Portland Cement Company's plant at Davenport, ten miles north of this city.

The major problem overcome was in the laying of a half mile pipe line, solidly welded into a single line, on the floor of the Pacific Ocean through which tanker cargoes will be discharged to a shore pumping station which, in several different storage tanks, will provide a total gallonage of fuel of all kinds of 7,434,000 gallons.

To lay the pipe line on the ocean floor it was necessary to build it com-

King Zog of Albania has been smoking 150 cigarettes a day. He must reach for them with both hands.

Chicago is to have a great world's fair symphony band. Probably composed exclusively of wind instruments.



THE "CAN" IN CANNING

The pressure cooker puts the "can" in canning. While canning was a big improvement over the earlier methods of food preservation by salting and drying, it was not until the pressure cooker was adapted to household use that the bugbear of the canning season was destroyed.

It is no longer necessary to make canning an all-day job, with a bulky water-bath canner monopolizing the whole stove top, and the escaping steam making the already hot kitchen still hotter. The pressure cooker has changed all this. Because cooking at temperatures higher than boiling is made possible, the time for cooking is shortened. Instead of boiling the cans of meat, for instance, for three to four hours, they may be sterilized in the pressure cooker for thirty minutes at ten pounds pressure, if partially cooked before, and sixty minutes if uncooked. A proportionate time saving holds true in canning of vegetables.

The pressure cooker is particularly adapted to the homemaker who has a garden where the vegetables are ripen-

OFFER \$5,825 IN PRIZES IN NATIONAL CANNING CONTEST

To ward off a threatened surplus of farm products in many sections and to improve more homesteads with the economy and healthfulness of home canned foods, a National Canning Contest is now under way to find the best jar of canned fruit, vegetables and meat in the country. Two hundred and twenty-two cash prizes totaling \$5,825 have been hung up by the Sears-Roebuck Agricultural Foundation, including a grand sweepstakes prize of \$1,250 for the best jar of canned food entered in the contest. Any woman or girl is eligible to enter the contest, but entries must be in not later than October 1, 1929. Further information on the contest and free jar and entry blanks for sending in entries may be had by writing to Anne Williams, director, National Canning Contest, 925 S. Homan Avenue, Chicago, Ill.

In small amounts. By putting each day's surplus in her pressure cooker while doing up her morning kitchen work, she soon has the shelves full without the messiness of an all-day canning job. Only an occasional glance at the pressure gauge is required for one soon learns just how high to turn the flame to keep the pressure constant.

This saves not only time and labor but food as well for the pressure cooker makes it possible for her to can the small amounts which she would have thrown away rather than bother with when canning by the older methods.

Here Is Why the Human Body Doesn't "Burn Up in Fever" After Every Meal

Heating Plant Turned Into Air Conditioning Plant Produces Coolness in Summer, Warmth in Winter.

Rather than try to "escape from the heat" during severe mid-summer weather, let heat escape from you! This advice is given by the Holland Institute of Thermology to home owners who wonder why their homes can't be cooled in summer just as they are made comfortable in winter by heating.

For, the Institute's air conditioning experts explain, heat is generated in the body by the assimilation of food. Only part of this heat is used up as muscular energy expended in work. The heat that isn't consumed in this way must be passed off from the body or else the internal body temperature will rise to fever height.

In winter the body has no difficulty in getting rid of this excess heat. Some is required to warm up the air breathed in and some, perhaps, to warm the food as it is eaten. Also, the body acts as a radiator, throwing off heat to be absorbed by other objects.

Again, the body acts as a conductor, directly transmitting heat to the cooler objects it touches. Convection is another method of heat-loss, which means that cool air surrounding the body carries some of its heat away. Finally, moisture is evaporated from both skin and lungs—and an elementary principle of physics is that evaporation causes coolness.

Body Acts as Conductor. Physiologists have found that these safety valves for the escape of excessive heat operate to the following extent:

	Per Cent
Radiation, conduction and convection	73.0
Evaporation of moisture from skin	14.5
Evaporation of moisture from lungs	7.5
Warming the breathed-in air	3.2
Warming the food eaten	1.8

That's how the human body, at rest and in normal conditions, gets rid of excessive heat, according to the Holland Institute of Thermology. That's why the body doesn't "burn up in a fever" after every meal containing many calories of heat.

But in hot weather these safety valves can't work efficiently. When surrounding objects are as warm as the body, they can't absorb any of the heat the body might radiate. When the air is hotter than the body, it conveys heat to it instead of away from it. And when the relative humidity of the air is high, evaporation of moisture from the skin is slow.

But, during all except the most extreme conditions, the engineers of the Holland Institute point out, there may be one factor in the air's condition which enables these safety valves to get rid of the body's excess heat. That factor is air-motion.

For if, instead of being stagnant, the air plays breezily over the body, the first effect is to increase convection—that is, the moving air will convey more heat away from the body than still air can do. Also, evaporation will be increased for as soon as the moisture-particles are taken from the body's surface, along comes some more air to pick up and carry away another particle.

So air-motion is recognized today as the simplest and most effective way of producing comfortable coolness in any but the severest conditions.

HINTS THAT HELP

When starting on a motor trip hang a little canvas or rubber bag in the car, in which you can put soap, washrag, comb, brush and other toilet articles that you may need for a wash-up for lunch. A ten-cent canvas clothespin bag at the five and ten will do, or you can pay the price and get a real fancy receptacle.

Do you know that a touch of sugar added to the water in which vegetables are being boiled, tends to bring out an added flavor? Do not use enough to sweeten the vegetables themselves—but merely a touch.

When motoring, you often find yourself a considerable distance from your favorite eating place, at a time when you are very hungry. Eat a few bits of candy—of any kind. Not enough to appease your appetite entirely, but enough to give

Only the fully ripe fruit should ever be given children. Unripe fruit when baked may be safely eaten by those in perfect health.

The yellow ripe stage when all trace of green has disappeared, and flecks of brown appear on the skin, is the time to serve the fruit. It is now delicious in flavor and can be readily digested. Even brown-skinned fruit, if firm, is most marketable, for then the starch is converted into sugar and the flavor developed to its highest point.

Food experiments by dietitians have shown that the carbohydrates of the ripe banana are as readily assimilated as those of potato or cereal, and that digestion is directly proportional to the ripeness of the fruit.

An authority says: "The banana has been the victim of one of those curious antagonisms, so frequent in medicine which has made lay people regard the banana as unsuitable infant food, although in the tropics it has been so used for generations."

Bananas may be prepared for the table in various ways. Used with cereals, as salads and as desserts. As a cooked vegetable it is especially appetizing. Fruit not so fully ripened may be served in this manner. For desserts and for eating in the natural state, the rich, sugary, full ripe fruit is necessary.

such as are found in some industries but almost never in homes. The way in which this cooling principle can be utilized in the average home, according to the Holland Institute of Thermology, is to convert the ordinary warm air circulating heating plant, which is useful only a few months a year, into an all-year-round air conditioning plant which produces coolness in summer as well as warmth in winter.

Propeller Built Into Heating Plant. This is done by the leading manufacturers in the warm air heating industry by building into the heating system an electrified propeller unit, the purpose of which is to keep the air circulating through the rooms of the home at comparatively high velocity. When this is done in summer, with air of the same temperature as that in the basement, the air-motion increases convection and evaporation from the bodies of the occupants in



How the Body Passes Off Heat. (Straight Lines, Radiation; Bubbles, Evaporation; Curly Lines, Convection.)

other words, it enables their excessive heat to escape so that they feel more comfortable than if they were confined in rooms full of stagnant air.

During winter, the function of the propeller-unit is to circulate the warm air from the heat generator through the home at a much higher velocity than is customary. The first effect is to decrease the time it takes to warm up the house on cold mornings. Also, the force of the propeller drives the warm air even to those rooms farthest from the central heating plant and most exposed to prevailing cold winds.

As a result of the air-motion kept up by the propeller in winter, the "evaporative" heating system embodying this new feature operates on the principle of a large volume of moderately warmed air rather than a small quantity of over-heated healthful heating. It also results in greater operating efficiency, since heat-waste is reduced to a minimum and the necessity of forcing the heating system in severe weather is eliminated.

you a bit of quick energy and carry you over. A lump or two of sugar, or a well-sweetened glass of fruit juice will also help.

Get into the habit of wearing knickers. Men once wore them exclusively and would be wearing them exclusively now if England had not had a how-legged king. They are comfortable and attractive—and ideal for motoring, golfing, fishing, hunting or plain everyday walking around.

As a general bleaching agent, lemon juice is unsurpassed. Fine embroidery, laces and lingerie, which have become yellowed may be made snowy white again by boiling in water to which a little bluing and the juice of a lemon have been added.

Lemon juice for ink spots on a white dress, or lemon juice and salt to take out rust stains, are recipes known to the housewife of grandmother's day and are just as efficient now as then.

The cut end of a lemon dipped in salt is excellent for cleaning copper or brass.



Advertisements in this column 1 cent a word. Minimum charge 25c.

FOR SALE

Every home should have a radio. It keeps the whole family abreast of all that is going on in the world, so diversified are the programs every fifteen hours of the day. See Elmer Stipe at Stipe's Garage on the prices for Atwater Kent radios.

Good, pure milk promotes health, especially at this time of year. Drink lots of it. Beaverton Sunrise Dairy, A. Camenzind, proprietor. Adv. e 15-1f

For Sale—40-acre tract with timber 1 1/2 miles southwest of Beaverton. Priced for quick sale. Ben T. Lombard, 743 Pitt-st. Bldg., Portland. Telephone BR 4509. e-45-1f

For Sale—Corn, Yellow Bantam, and tomatoes; for canning and table use; good quality. B. Leontetti, 2 1/2 miles west of Beaverton on Farmington road. p-39-40

For Sale—One No. 11 Latest Model Oliver typewriter and table, as

good as new; one filing cabinet for legal papers; one double-barreled shot gun (12 gauge); office chairs and tables, different styles and sizes; E. E. Swenson, Beaverton, Oregon. e-38-40

For Sale—One-half ton Star truck, 1924 model; in good shape. Wm. Oelrich, Orenco, Ore. p-38, 39

For Sale—A good Jersey family cow. H. A. Ekstrom Beaverton on the Canyon road. e-38

FOR RENT

For Rent—Five-room house; good condition; with garage, city water, electric lights gas etc. Inquire, E. Grandgeorge, Beaverton. e-38 1f

For Rent—25-acre farm, 3 1/2 miles south of Beaverton; good house basement, water system, barn, silo; cash rent. Call or write, W. F. Cyrus, Hillsboro. e-39

WANTED

Wanted—Wood in exchange for or part payment on a radio. Beaverton Radio Co. Phone, 9303. e-38-1f

MAKING HISTORY

Sixty thousand husky, clear-eyed Boy Scouts, the best of boyhood from 40 different nations and 70 lands, have pitched their tents on the great fields of Birkenhead, England across the Mersey River from Liverpool this month and have formed the greatest campment of boys that the world has ever known. For most of these Boy Scouts, ranging in age from 13 to



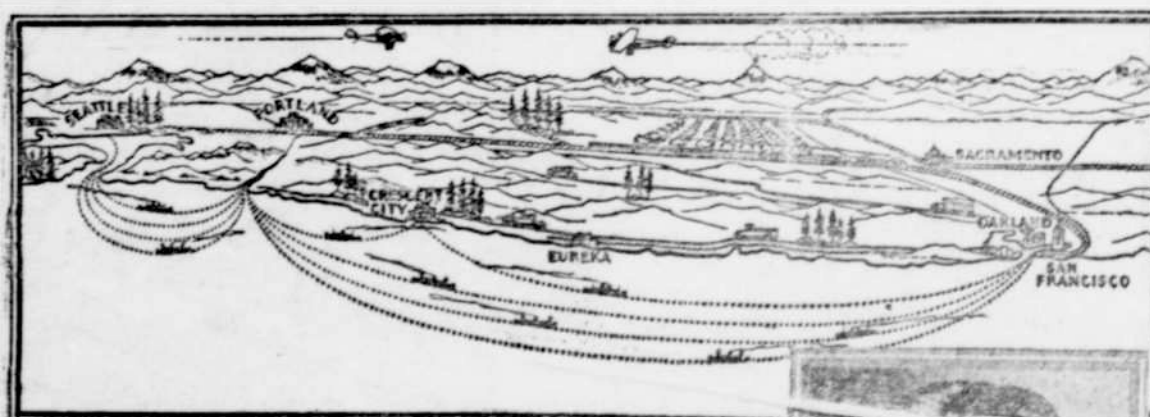
SAVE AND HAVE

Benjamin Franklin was wise in the ways of life. He saw that the part which money plays in most people's lives is a very important one, and he left as a heritage to the people of his country a shining example of financial efficiency. THE BANK OF BEAVERTON teaches thrift—using a bank book as its text! Start saving today—and save regularly! Spend Less Than You Make If You Would Be Successful

BANK OF BEAVERTON

W. W. Livermore, Pres. B. K. Denney, Vice Pres. Doy Gray, Cashier

FIGHT FOR FREIGHT IS KEENEST ON COAST



SEA RULES RAIL RATES—J. T. Saunders, freight traffic manager for Southern Pacific, who says three steamship lines handling two-thirds of north and south freight, tramp steamers and truck lines, as indicated on map, make coastwise competition the most difficult faced by railways

MORE than a million tons of freight annually borne in the holds of coastwise steamships between ports of California and the Pacific Northwest ports exceeds north and south railway traffic by a margin in excess of 100 per cent, according to J. T. Saunders, Freight Traffic Manager for Southern Pacific company.

Not only do three steamship lines handle twice as much freight as is rail-borne between California and the northwest, but the railway also faces competition of numerous motor truck carriers operating upon the public highway. These truck lines now radiate to almost every community upon the Pacific slope, carrying annually thousands of tons of freight formerly handled by the railroads.

Climate, much advertised as a tourist attraction, adds to the competitive difficulties of Pacific Coast railways. Every day in the year is a good travel day for Pacific Coast motorists and fine paved highways have made automobile travel so easy that railway passenger revenues annually decline to the tune of millions of dollars.

"No railway anywhere," Saunders said, "faces competition so strong as

that met by Southern Pacific. Five major transcontinental railways, air routes, four coastwise steamship lines, many tramp steamers and traffic motor-borne upon the highways all compete with our lines.

"In four representative months—January, April, July and October of 1927—three steamship lines alone moved 319,685 tons of freight between California and Portland and the Puget Sound ports. In the same period rail traffic north and south between California and Oregon was only 151,453 tons.

"An average of 75,000 pounds a week is moving by steamer from California ports to Crescent City, California, whence it is delivered to destinations in Grants Pass, Medford and other Oregon cities.

"Separately and jointly trucks and steamships are moving thousands of tons of freight which once moved by rail.

"In order to meet this competition Southern Pacific since the World War, has spent over four hundred million dollars for construction of new and rehabilitation of old lines, new equipment and betterments.



"More than ten per cent of this amount has been spent since 1923 for the construction and rehabilitation of 521 miles of mainline in northern California and southern Oregon. Within a few weeks our new 97 mile line between Klamath Falls and Alturas will be opened, providing a new main-line route to the east 284 miles shorter than from Klamath Falls to Chicago than any line now existing or proposed.

"The competition of steamships carrying more than one-half of the total coastwise freight traffic affords competition which will continue to be the basis for freight rates regardless of future railway construction."

There's greater speed and comfort by train

\$15

San Francisco

\$28 Los Angeles

(from main line points)

These exceptionally low fares are available every day and you have the choice of four daily trains.

At this low cost you enjoy all the comforts of train travel, with the added advantage of greater speed. Plenty of room to rest and relax or walk about.

Southern Pacific

C. E. Allen, Agent