

# BEAVERTON ENTERPRISE

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## LET'S HOP

With unemployment increasing rapidly this will not be a happy season for millions of America's citizens. All the big forces in Government and private industry are trying to turn the recession around the corner. While there is general talk to the effect that this is merely temporary slump the fact is that in the National Capital our officials, from bottom to top, don't know any more about what is going to happen than you do—in the event that you do know, the Nobel prize is yours.

## THE LABOR RACKETS

"Just as government reaches into business to punish fraud, dishonesty or use of violence, government should reach into labor unions to punish intimidation, abuses in organizing, unlawful picketing and other forms of coercion which are not now and never have been contemplated by the right to strike."—David Lawrence.

## MORE THAN HOT AIR NECESSARY

The politicians "talk" about "cooperating" with business but do nothing. They will have to make "peace" with the common investor by constructive action instead of political hot air before he will put up a dollar in any job-making activity.

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The Oregon Re-Tinners Co. is a local concern under the management of local men and its substantial and well merited progress is a matter of actual fact well known to the public. In making this review of the progress of Portland and vicinity we are glad to call the attention of the people to the advantages occurring to the public by the location of this company the high quality of their service and the commanding position they occupy in the industrial world, by determinedly living up to their original ideal—to furnish the public with the best dairy service at a fair price.

This company and its management have won and retained the respect and confidence of their many friends and customers here. This company is located in Portland at 2428 N. Mississippi Ave., Portland, Ore. TR. 7696

If you want news in this week's issue see that it reaches our offices Wednesday night.

## Today's Taxograms

Tax collections of the government are higher now than at any time in the history of the Nation—everybody is paying more for government expenses, whether by direct or hidden taxes. For example taxes collected under the social security act this year will total approximately 252 million dollars. Next year, with increased rates, the government estimates, it will collect more than 600 million dollars from this source

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## Smoke Descends Slowly Though Denser Than Air

Smoke consists of myriad of small solid particles suspended in the air. These particles are denser than air, yet they settle only with extreme slowness because of two facts, writes Dr. Thomas M. Beck in the Chicago Tribune.

A falling body soon reaches a speed at which its weight is balanced by the air resistance opposing its motion. This resistance is roughly proportional to the amount of surface exposed, and the smaller the body, the greater the ratio of surface to weight and the slower its rate of fall through the air.

Smoke particles usually are so small that their rates of fall hardly are perceptible. In addition, the particles' motion through the air causes them to pick up electrical charges, and the mutual repulsion of these charges prevents the particles from coalescing into larger particles which would fall more quickly.

It is a surprising fact that these smoke particles are much harder to remove from the air than are the far smaller molecules of a gaseous impurity. Air can be freed from foreign gases by bubbling it through the right kind of absorbing liquid or by passing it through a loosely packed mass of a porous solid absorbent. These methods frequently fail with smokes.

The reason for this difference lies in the fact that the small, light gas molecules are in a state of constant motion, and travel at incredible speeds which quickly bring them into contact with the absorbing material. On the other hand the far heavier smoke particles drift very slowly through the rest of the gas, and only a few of them have time to reach the absorbent.

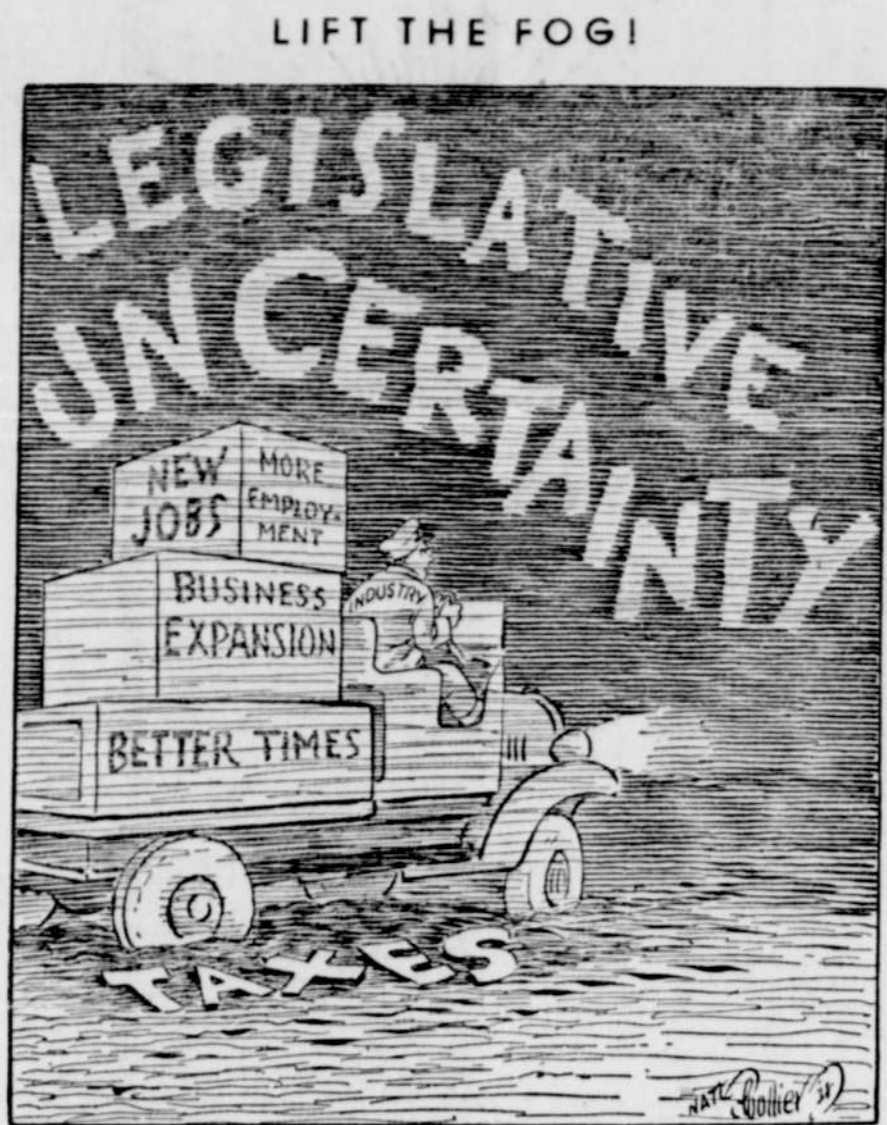
## All Plants Depend Upon Leaves to Produce Food

Plant leaves form a direct link between nature's storehouses of food elements and the food requirements of plant and animal life. All animals are dependent on plants either directly or indirectly for their food, and plants depend upon their leaves to make food out of raw materials.

Plants make many uses of the products they manufacture, the uses varying greatly with the kind of plant. The foods may be made into wood, gums, resins, flowers, fruits, or seeds. They may be stored away as starches or sugars to serve some future need of the plant or to be used in the growth of new plants.

Ten chemical elements are required by plants in this process, notes a writer in the Chicago Tribune. They are carbon, oxygen, hydrogen, nitrogen, calcium, sulphur, iron, potassium, phosphorus, and magnesium. A few others usually are found, but most plants seem to grow without them. Nature makes ample provision for the two that come from the air—carbon and oxygen. Soils often are deficient in nitrogen, phosphorus, and potassium and sometimes calcium and sulphur. These are added to the soil in fertilizers.

**Flowers TOMMY LUKE**  
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## "Blackbeard" Tied His Whiskers Back of Ears

Edward Teach, who changed his occupation from privateering to piracy when a treaty ended the war of the Spanish succession in 1713, was known as "Blackbeard." He tied the ends of his heavy beard with ribbons and fastened them behind his ears. Several years after the signing of the treaty, he captured a large French merchantman which he christened "Queen Anne's Revenge," and converted it into a warship of 40 tons. Then he proceeded to raid the important ports on the Spanish Main, extending his activities as far north as the Carolinas.

In June, 1718, according to a writer in the Indianapolis News, "Blackbeard" sailed into Charleston harbor with a fleet of four ships, manned by a crew of 400 scoundrels, and captured ten vessels, among them a ship carrying many leading citizens to London. Not content with this, "Blackbeard" sent a landing party into the city to get supplies. Led by a mate, they carried a message to Governor Johnson which threatened to send him the heads of the prisoners unless he fulfilled their demands. The citizens complied, but the pirates stripped their prisoners of all belongings, including clothing, before sending them ashore. "Blackbeard" then retired to his winter base in Ocracoke inlet, North Carolina. It has been said that Gov. Charles Eden looked upon him with suspicious indifference and even attended the wedding of the pirate to his fourteenth wife. However, the governor of Virginia displayed no such casual attitude, and sent two powerful sloops under the command of Lieutenant Maynard to find "Blackbeard." He was finally cornered in the inlet and killed. After hanging or shooting his crew, the victorious Virginians sailed back with the severed head of "Blackbeard" on the bowsprit of the leading vessel.

"Blackbeard" is supposed to have buried his treasure on an island off the coast of Georgia, which since has been literally dug to pieces by treasure hunters. Of his treasure "Blackbeard" is said to have said: "Only me and the devil knows where it is, and the one who lives longest gets it."

## Sun Is Much Closer in Winter Than in Summer

The sun is 3,000,000 miles closer to the earth on January 3 than it is on July 3.

The reason for this is that the earth's path around the sun is not a perfect circle, but slightly oval, and the sun is not exactly in the center. In other words, says a writer in the Chicago Tribune, the earth's orbit is an ellipse, with the sun at one focus.

The temperature difference between summer and winter is due primarily to the fact that the sun's rays strike the earth at a more horizontal angle during the winter, due to the tilt of the earth's axis. From an obvious geometrical relation, a given amount of solar energy is then spread out over more area and each square foot of land receives proportionally less heat.

The difference in the sun's distance has a measurable effect, but not a sufficiently great one to counteract this diffusion of rays. It merely tempers slightly the seasonal variations in the northern hemisphere and accentuates them south of the equator, where the seasons are reversed.

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## TUALATIN

Lloyd Riches has been in San Francisco on business for his company this week.

Miss Trixie Johnson spent a few days last week at Condon and returned to her school at Estacada the first of last week.

Junior Dickinson returned to the Hill Military academy this week.

Mr. and Mrs. Clyde Phillips were at home to a number of close friends Sunday afternoon.

Mrs. Lloyd Riches was "at home" to two groups of friends New Year's day. The first group from three to five o'clock, and the second group from five to seven. Mrs. Riches was assisted in serving by Mrs. Robert Thacker and Mrs. Gladys Blank. The ladies wore floor length dresses.

Margaret Buswell had a very nice letter printed on the Young Oregonian page in the Sunday issue of Jan. 2.

Billy the Buck furnished some highly interesting copy in the daily paper. He belongs to Dr. and Mrs. Harry Chandler. In fact the doctor was so much in the limelight that we predict great prosperity for him for the year 1938.

The great flood is almost an event of the past—but it will linger in the memory of many local inhabitants. M. A. Kilpatrick (Kil) will recall with a chill not a thrill, of when the canoe upset and with some small boys and a basket of groceries got thoroughly soaked. The daily papers covered the flood in a great way but made a lot of mistakes. For example—Art Wolf was photographed as Walter Hawhurst, owner of our meat market. Kilpatrick's store was never under water. Many locals got their pictures in the paper and some were seen in a news-reel. Social functions were called off—an especially large New Year's eve party was postponed until the first of the week. The men folks got around in their hip boots but the women folks had to do all the visiting via the telephone—and were the lines busy. Canoes, row boats and even a motor boat plied the water ways. It was very exciting to the outsiders while it lasted. The Del Heald home

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was hard hit with several inches of water all over the first floor of their home. One of the worst damages was the washout of the fill below the John Nyberg place. The only way to Portland was by way of Wanker's store and Oswego. The road to Sherwood was out of commission only a short time owing to the washout at the Frank Wager place. To Tigard there was one way traffic from the entrance to the Cipole road to the end of the Post road. The detour was not in very good shape. All is past now with a great expense to the state highway commission.

Mr. and Mrs. John Bohlen went to Iowa to visit the former's relative over the holiday. Mrs. Smith, Mrs. Bohlen's mother, was marooned at home from her work in Portland for a few days.

Mrs. Mary Geiberger, Mrs. Floyd McClelland, Mrs. Ann Garver and Edward Geiberger were here from Salem for New Year's day with the Augusts Blanks.

Miss Edna Luttrell teacher of the fourth and fifth grades in the Tualatin schools is ill in Portland this week and Mrs. E. C. Richardson is acting as substitute teacher.

Mrs. L. S. Harding, Mr. and Mrs. Julius Hagen, Mr. and Mrs. Walter Hawhurst were those responsible for a very lovely New Year's party at the Harding home the first of the week. The party was postponed owing to the flood. There were many guests from Portland and locally. Dancing was the main diversion of the evening.

The dwelling was beautifully decorated with a huge silver and blue tree on the winding stairs landing and Christmas greens of holly and mistletoe. Refreshments were served.

## Feed on Cellulose

Termites feed on cellulose gathered by "workers," who are protected while searching for food by "soldier" termites. Trees constitute their principal food supply, says Science Service, although termites have been forced to turn to houses in the last decades because of the disappearance of the great forests that once covered North America.

Fossil termites prove that they have infested this continent for fifty-five million years. Two main termite types, the subterranean and non-subterranean, are found in the United States. The former live underground and enter buildings by coming up through wooden planks or posts in contact with the earth. The non-subterranean or "dry" type is able to fly to a piece of wood and start boring wherever it lands.

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