

## MEDFORD MAIL TRIBUNE

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GEORGE PUTNAM, Editor and Manager

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March 3, 1879.

Official Paper of the City of Medford.  
Official Paper of Jackson County.

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Per month, delivered by carrier in  
Medford, Jacksonville and Cen-  
tral Point, .25

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**SWORN CIRCULATION.**

Daily average for eleven months end-  
ing November 30, 1912, 1751.

The Mail Tribune is on sale at the  
Ferry News Stand, San Francisco

Portland Hotel News Stand, Portland,  
Portland News Co., Portland, Ore.  
W. O. Whitney, Seattle, Wash.

Full Leased Wire United Press  
Dispatches.

**MEDFORD, OREGON.**

Metropolis of Southern Oregon and  
Northern California, and the fastest-  
growing city in Oregon.

Population—U. S. census 1910—4540;  
estimated, 1912—10,000.

Five hundred thousand dollar Gravity  
Water System completed, giving finest  
supply pure mountain water, and 17.5  
miles of street lighting.

Postoffice receipts for year ending  
November 30, 1912, show increase of 25  
per cent.

Sanitarium built in Oregon—Rogue  
River Sanitarium, applies won sweep-  
stakes prize and is now open.

"Apple King of the World"  
at the National Apple Show, Spokane,  
1909, and a year of victories won.

First Prize in 1910  
at Canadian International Apple Show,  
Vancouver, B. C.

First Prize in 1911  
at Spokane National Apple Show won  
by carload of Newtowns.

Rogue River pears brought highest  
prices in all markets of the world dur-  
ing the past six years.

## DR. EMMONS TIPS HIS AUTO OVER

Running out of the street, upon  
the curb and striking a light pole  
caused a new Ford car driven by Dr.  
Emmons on West Main Wednesday  
afternoon to upset, spilling the doctor  
and a boy companion onto the pave-  
ment. No injuries were sustained.  
Aside from a badly bent front axle  
and a shattered lamp the car was  
not damaged. A huge windshield  
escaped injury.  
Bystanders righted the car, which  
was towed to the garage. Dr. Em-  
mons states the accident was due to  
the fact that he was putting on his  
gloves when the car got beyond con-  
trol.

## LOCAL PEOPLE OFF TO SEEK CANADIAN LANDS

A party consisting of Mr. and Mrs.  
Arthur J. Rose, Mr. and Mrs. H. H.  
Frazee and Harry Ling left Wednes-  
day night for Alberta, Canada, in  
search of land.

Mr. Ling, who has been assistant  
chief of the fire department for sev-  
eral years, is succeeded by Frank  
Lindley, ranking member of the de-  
partment.

### JOLTS AND JINGLES By Ad Brown

The King of the May.

On the morrow, wife darling  
You may rudely me disturb,  
For I wish to pile the rubbish  
Out in front upon the curb.

If you wish to, wife darling,  
You may then be queen of May,  
As for me, I'll be too busy  
Cleaning up on clean-up day.

Speaking of clean-up day Bud An-  
derson has had a few of them on  
his own account.

In the next New Years' edition we  
may review the progress Medford  
has made pugilistically since the old  
days when Chick Bowen used to tear  
the stuffing out of the atmosphere.

Anyone wishing to send in funds  
toward erecting a statue to Our  
Bud may send it care this "colym."

Names surely mean nothing in these  
cases. At Albany a Van Winkle  
heads the commercial club and one  
of the members is named Hammer.

### Short and Sweet Ones.

Ben Jay, Blachley, Ore.  
Gene Steep and Gert Hyde of  
Humphreys Corner, Ind.  
Briggs Flacks, Orland, Cal.  
Bert Bobb, Santa Clara, Ore.  
Willie Wilbur, Alpha, Ore.  
Denise Tinker, Edna Leatherberry,  
and Lizzie Lee, all hail from the  
neighborhood of Vevay, Ind.

After having ordered certain ware-  
houses on its right of way in Med-  
ford torn down, it will be noted S.  
P. stock went down a notch. It  
doesn't pay for the big interests to  
act too radically.

## WAR EXPENDITURES WASTED.

A PEACE congress is in session at St. Louis, Missouri, which has for its object complete disarmament—literally the turning of the sword into the ploughshare and the transformation of battleships into merchantmen. At the same time the great powers of Europe are bullying little Montenegro with warship blockades and threats of invasion to force the tiny mountain kingdom to give up its hard-earned spoils.

Austria is sending an invading army and mobilizing troops, to satisfy its greed for territory. Germany is increasing peace forces to 850,000 men, and enlarging its navy. France is building warships, increasing its peace army to 700,000, and adding a year's additional service to each soldier. Russia's peace footing will soon be 1,450,000. Italy and Greece and the Balkan States are already impoverished by the exhaustive war with Turkey, which is bankrupted in honor, money and territory. Great Britain continues to build two ships for other nations one and is calling on colonies to help her bankrupt both herself and them. Japan is head over heels in debt, staggering under war debts to which are added equally heavy peace debts.

The cost of peace armaments is over two billion dollars a year—five times the cost of the Panama canal—and constantly mounting higher. This is a direct tax on the productive energies of the nation's affected—a handicap that sooner or later must end in bankruptcy. The cost of all these war preparations must be borne by the producer—hence an indirect tax upon the toiler.

Most of the money spent in armaments is thrown away and wasted. A fifteen million dollar battleship has a life of but a few years, and is obsolete almost before completed. It costs thousands of dollars to fire a great gun costing tens of thousands and its life is but a few shots. And if war should come, the costly armaments would be found as useless as the javelin, catapult and even the flint-lock musket have become.

A thousand dollar aeroplane would put the fifteen million dollar dreadnaught and the expensive fortifications out of business in a few seconds. The comparatively inexpensive submarine would at the cost of a few minutes of time and a few dollars, without the loss of a life, sink an entire fleet of battleships. Stimulated by necessity, a thousand inventions would simplify the slaughter of millions. The greater the army assembled, the greater the slaughter. Unseen and unheard even, the grim reaper would take such toll that war would forever remain the barbaric nightmare of civilization's infancy.

War is an anachronism, and must disappear with the progress of civilization even as the individual war has among civilized people. If the money spent on armaments was spent in useful development of resources, the world would be far nearer the millennium.

## CITY BONDS FOR RAILROAD BUILDING.

SOME months ago the people of Grants Pass voted \$200,000 bonds to aid in the construction of a railroad to the coast. To legalize the bonds, the legislature passed a validating act. However, there remains the question whether or not a municipality is empowered to vote bonds for the construction of a railroad outside its limits. This will probably require a supreme court decision to answer. This question has caused a delay in the promotion of the railroad.

The proposal has been broached in Medford as to whether or not this city would vote bonds to aid in the construction of a railroad to the coast. There is hardly a doubt of it. If a bond issue would insure the building of another railroad, Medford would vote it quickly enough—but the bonds would not be voted unless such assurance was forthcoming.

Grants Pass might possibly settle the legality of its bonds if it followed Los Angeles' example and annexed the right-of-way of the proposed railroad as part of the city. Los Angeles annexed a narrow strip 40 or more miles in length and a hundred or so feet in width, from the city to the seashore, which is used for a trolley line—and there is no question but that such a proceeding would settle the questions involved at Grants Pass.

The town of Rogue River is now considering some such expedient in order to secure the location of the big cement plant near it. Such a proposal would enable the town to finance a trolley line to the plant. Such enterprise deserves reward.

It is evident that communities in Southern Oregon must assist themselves in developing the country by utilizing the community credit—so it is necessary to be resourceful enough to meet the emergency. It is a shame that counties cannot bond themselves to secure railroads as they do roads, and that the state cannot bond itself to build the railroads necessary to develop undeveloped and unsettled sections and utilize latent resources. Some day when we have learned better how to govern ourselves, we will, as a people, trust ourselves for development enterprises, instead of handing over our resources as a bonus to speculators.

## Water and Alfalfa Ranching

Medford, Ore., April 29, 1913.

Regarding the comparative production of alfalfa with water and without water, permit me to say there can be scarcely any comparison. We are engaged in the production of alfalfa and use water in the production thereof. Without water we should get a very limited crop as compared with the crop we get by the use of it; and in addition the quality of the alfalfa produced by irrigation is very much superior to that produced without irrigation.

The productive capacity of our ranch, it is safe to say, is increased three fold by the use of irrigation, and it would seem to any one that it is the height of folly to reject an opportunity to get water for irrigation purposes when that opportunity

presents itself; particularly if one knows by experience the quantity of alfalfa raised without irrigation and that raised with irrigation.

I most unhesitatingly recommend to any person who has the opportunity to get water for his premises for irrigation purposes to grasp that opportunity.

The question of \$50.00 per acre should not be a deterring consideration, for the water added to the land will, at the least, make it more valuable by three times \$50.00 per acre.

Very truly yours,

GUS NEWBURY.

Industrial training has been made a requirement in the grammar grades of the public schools of the state of Washington.

## The Excursion to Crater Lake by the International Geographers Sept., 1912

Written for "Annales De Geographie" by Dr. Emmanuel de Margerie, Late President Geological Society of France.

(Translated from the French by P. J. O'Gara.)

(Continued from yesterday)

This enormous caldera may be favorably compared with the most important craters of volcanic origin known on the surface of the globe. Crater Lake, a veritable subterranean counterpart of the great Grecian volcanic island of Santorin, has the advantage over the Grecian volcano in that the continuity of the rim is absolutely perfect, its form and outline much more regular and its proportions in the vertical sense are almost double, at least so far as the submerged portion is concerned. Wizard Island, we may suppose, plays the same role in the interior of Crater Lake as do the two islands of Kanemene in the Santorin basin, by comparison with the circular cliffs of Thera and Therasia. The lava flows and effusive masses which had accumulated as an enormous radiant cone, the summit of which has today disappeared, has been cut away as though by an enormous planer which destroyed the entire superstructure of the mountain. Later, under the influence of another eruption a punctate (Wizard Island) almost insignificant in comparison with the volume of the cavity from whose depths it arose, was formed. The phenomenon which resembles the great pitted craters of the moon seems to be of recent date so fresh is the lava and so symmetrical is the cinder cone. The giant fire which cover the base of the cone have not as yet had time to take possession of its summit.

This succession of geologic events is so indisputably imprinted on the rocks that the Portland Alpine club, at a meeting held on the rim of Crater Lake in 1896, did not hesitate in giving to the giant cone, which has disappeared, the name of Mt. Mazama. Geologic examination has only confirmed the rather instinctive impression as to the true nature of the crater. But at what epoch did the cataclysm occur, which caused the ancient cone to disappear? And what force of nature was employed in replacing a giant cone by the great abyss which we see today? It is concerning this dual question which we wish to speak.

First, what were the dimensions of Mt. Mazama at the time of its greatest splendor? Mr. Diller states that at an elevation of about 2440 meters, the actual diameter of Crater Lake is about the same as Mt. Shasta, California, a volcano whose lavas are analogous as to the degree of fluidity. Shasta rises to an elevation of 1850 meters above this level and has an altitude of 4383 meters. Mt. Mazama must have been at least as high, and this is shown by extending the exterior slopes about Crater Lake to a common origin which would be the summit of the original cone. One may imagine the primitive magnificence of this mountain by noting today the absence of the enormous amount of material which once formed its mass. The caldera has a volume of twelve cubic miles while the cone, which no longer exists, had a volume of five cubic miles.

But, how could such an imposing mass—Mt. Mazama, one of the largest pillars of the Cascade Range—

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## John A. Perl Undertaker

Lady Assistant,  
28 S. BARTLETT  
Phones M. 47 and 47-J-2  
Ambulance Service Deputy Coroner

have disappeared without leaving any trace? If the mountain was blown off by a sudden and terrible explosion, where then is all the debris? Or were the burning lavas drawn downward through some subterranean passage; were the lavas suddenly sucked into the chimney of the cone thus taking away the support from the superstructure and permitting it to fall in and become engulfed? These two hypotheses, that of an explosion and that of an engulfment, have often been given to explain the formation of large craters and crater lakes (Maare.) Doubtless, these hypotheses have their application, depending upon this or that particular case; however, neither one seems to be sufficient to fully explain Crater Lake. But there is little doubt as to the true cause; the hypothesis of an engulfment alone seems to explain, when due consideration is given the observed facts. If the hypothesis of an explosion were accepted, where is all the volcanic material which would have been thrown out upon the surrounding country by this great American Krakatoa? In vain do we search for a trace of it. Everywhere we see only the normal strata and lava flows, with here and there some beds of pumice which are of little importance. The last coverings or strata of the cone, as we have already seen, were formed by dacites and basalts, which have nothing in common, so far as their mineral nature is concerned, with the andesites which represent the principal mass of the volcano.

As the divergent strata, (which may be observed at a number of points around the periphery of the caldera) indicate, Mt. Mazama must have been a center of important glacial dispersion during the pleistocene period, and this is a point of great importance in the chronology of the volcano. The last eruptions of dacites which are superposed above the moraines, to the northeast of Crater Lake, must have been contemporary with the final catastrophe, for these lavas were still sufficiently plastic when the cone was replaced by the caldera, to change their angle of inclination, as one may see today in the cliffs of Cleetwood Cove.

The waters which fill Crater Lake have no visible outlet; perhaps they filter or percolate in part through the porous lavas to reappear at some distance to the southeast as great springs in the neighborhood of Klamath Lake.

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