

MEDFORD MAIL TRIBUNE

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GEORGE PUTNAM, Editor and Manager

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SVENNY CIRCULATION. Daily average for seven months ending November 30, 1911, 2544.

REAMES OFF TO STUMP DOUGLAS

According to the official announcement prepared by Secretary of State Olett and forwarded to the various county clerks throughout the state, there will be but two candidates in Jackson and Douglas counties for the office of joint representative; it seems that both the prohibition candidate and the socialist candidate neglected to get their names on the ticket, and for this reason no names will appear on the ticket for this office except those of the democratic and the republican nominees.

The republican nominee, Mr. Whisler, is now making an energetic campaign and is holding public meetings in the county every evening; one of his main arguments he is making in favor of his election is his opposition to equal suffrage.

C. L. Reames, the democratic nominee left Sunday night for Douglas county where for the next ten days he will be engaged in a thorough canvass of that county; he has the unequalled support of the equal suffrage club and the united support of his party; in addition he has been assured the support of hundreds of republicans; on account of the heavy republican majority in Douglas county and the fact that Reames will undoubtedly get a substantial majority in Jackson county, the race undoubtedly will be very close between these two men.

It is the contention of Mr. Reames that there is altogether too much useless legislation; too many commissions created for the sole purpose of providing somebody with a job, and if elected he pledges the people to try and remedy these evils in the next session.

LIVELY INTEREST IN WEDNESDAY'S BOUT

Manager Frankie Edwards of the Medford Athletic Club has arranged a card for the club's show next Wednesday evening that should appeal to every sport lover in the state. If the fans like good clean boxing between boys, not only evenly matched but clever, they can see this kind of a contest Wednesday night.

The special six-round event has shaped up where it looks more like a main event affair than a special. Young Anderson has worked harder for this chance than he ever has before, and with Bud's coaching, is showing more every day.

With Danny O'Brien taking unusual interest in his kid brother Frankie, this six round romp is sure going to be the real article.

The entire card has already caused a lot of comment and the club gymnasium will be under pressure to accommodate the expected crowd.

Yesterday was a strenuous one for all the boys and the afternoons workouts were witnessed by most of the boxing enthusiasts in the city.

SLIGHT WEAKNESS CATTLE MARKET

PORTLAND, Oct. 14.—Receipts for the week were 1035 cattle; 28 calves; 2700 hogs; 3654 sheep and 126 horses.

Taken as a whole there was a slight weakness in the cattle market. Buyers did not go down the line as briskly as usual, although there was a very snappy tone to the demand for the better quality of butcher stuff. Good cows sold at \$6.25 which was within half a dollar of the ruling market for the best steers that were offered.

The hog market for the week closed steady. There was an up-

WHY TAR LORIMER?

SENATOR CHAMBERLAIN, in his Medford speech Saturday evening, stated that in his visit to the late E. H. Harriman at Pellican Bay in 1908, the railroad magnate said:

"I ought to be a democrat this year, Roosevelt has treated me like a dog, and that after raising a quarter million for his campaign. But I cannot be a democrat, because during the next four years the supreme court will be virtually reorganized, and our people do not dare to trust Bryan."

The supreme court was reorganized by Mr. Taft's appointing several railroad attorneys as justices—among them the attorney for Mr. Harriman's system.

Of course Mr. Harriman did not expect any return for the heavy contributions made to Roosevelt's campaign fund—and of course the Standard Oil, George Gould, H. C. Frick and other \$100,000 contributors did not expect any returns for their investment—any more than the protective tariff beneficiaries did. But they got the supreme court packed with the interests' attorneys, and suits against the Southern Pacific were dismissed by the attorney general, that involved millions of dollars.

J. P. Morgan, who gave \$150,000 did not expect any returns either. He gave from purely patriotic motives—and it was from purely patriotic motives that President Roosevelt set aside the law of the land and permitted Morgan's steel trust to absorb its only competitor. It was from purely patriotic motives also that Roosevelt deposited \$25,000,000 of the government money with Morgan without interest for him to reloan with interest to Wall street's needy.

Of course heavy campaign gifts are made without promises of definite return in any way. But subsequent events show clearly enough that the return was forthcoming when wanted.

On how much higher plane was Roosevelt's campaign for the presidency in 1904 than Lorimer's for the senate? It is said to have cost the lumber and beef trusts and other corporate interests \$100,000 to put Lorimer over. It cost \$2,100,000 to put Roosevelt over. It never was shown that Lorimer knew of the improper expenditure of money in his behalf, any more than Roosevelt did.

Lorimer voted in the senate in behalf of the tariff beneficiaries and always in favor of the interests. Roosevelt as president, refused to permit tariff revision and he never instituted criminal proceedings against any of his contributors or their interests. He never even instituted civil proceedings against the steel and other Morgan trusts, but shielded them in their operations.

There is so much similarity between Lorimer and Roosevelt that one wonders why one was tarred and the other escaped.

THE SACRIFICE OF LA FOLLETTE.

SENATOR LA FOLLETTE is publishing in his magazine the inside story of his campaign. It shows clearly enough Roosevelt's duplicity.

La Follette's candidacy was used to feel out public opinion and when it was found that Taft was deplorably weak, the Wisconsinite was barbarously sacrificed on the altar of Roosevelt's ruthless ambition—as many another has been.

After the colonel's tour of the west, early in 1910, writes La Follette's, Roosevelt decided that the progressives should put forth a candidate against Taft. Gilson Gardner, the newspaper correspondent, came to La Follette, bearing this message from Roosevelt.

"That I (La Follette) should be that candidate, and that I should get into the fight at once."

La Follette, said the colonel, was the natural leader of the progressives, for he had done the pioneer work. Roosevelt could not—so the message ran—openly advocate La Follette's candidacy against Taft, but he would commend La Follette's work in the Outlook and help as he could, from time to time.

On April 30, 1911, a conference of progressives was held in Washington. All agreed that they should unite on a candidate, to concentrate the movement.

"There is but one man who should be considered," said Senator Cummins, "and that is Senator La Follette." Cummins, the senator adds, pledged him his own support.

About October, 1911, a friend of Roosevelt, who, up to this time had been for La Follette, visited Oyster Bay. Returning he went to the senator and reported.

"Roosevelt is not only surprised at the development of your candidacy, but he is disappointed as well." He added, says La Follette, "Roosevelt wants to be president again but you know it has heretofore been his judgment that Taft could not be beaten." Roosevelt now seemed to consider La Follette in the way.

Then came a conference of Pinchot and others with Roosevelt, as a result of which La Follette was informed that Roosevelt would make a public announcement to that effect; that La Follette should go ahead, and if he could not win the nomination in the convention, then Roosevelt might possibly step in as a candidate; but meantime "the wires should not be crossed."

The wires, however, seem to have got badly crossed. According to La Follette, they crossed even in his headquarters at Washington, where Medill McCormick—so he charges—after volunteering his services, sidetracked an important article telling of La Follette's record, intended for campaign distribution, and tried to send out, instead, an article written by himself booming Roosevelt. The senator gives many instances of alleged betrayal.

Roosevelt is not a true progressive, and never has been. He is merely using the progressive movement as a means to further his third term ambition—and when he gets a third term, backed by trusts and the federal brigade, with a victorious war to grab Mexico, it will be comparatively easy to secure a fourth term and indefinite terms thereafter.

Notice. There will be regular meeting of the Rebecca lodge Tuesday evening, October 15, 1912. The President will be present. Initiation will be followed by a banquet.

Water Core of Apple

By F. J. O'Gara, Pathologist in Charge

(Continued from Saturday.)

6. Frosts which are severe enough to injure the foliage have an effect similar to that of defoliation, since leaves which are so injured no longer function as true agents of transpiration. Certain chemical activities are also set up in plants after frosts have injured them, and this produces rapid ripening. It is also noticeable after a heavy frost that apples color rapidly; this is due to the formation and activity of certain enzymes or ferments. This will be taken up further in the discussion of the chemistry of water core.

As will be readily understood, the above conditions favoring water core are purely physical. Considerable stress has been put upon root and sap pressure as probable direct causes of water core. It must be understood that root pressure is purely a physical phenomenon due to a kind of endosmotic action taking place in the root cells. There are no pores or openings in the roots through which water may enter a plant; the affinity of the protoplasm in the root cells for water causes the water in contact with the outside cell walls to pass through them. This osmotic process goes on upward from cell to cell tending to produce a balanced pressure throughout the entire column of cells reaching from the first root cell in the root hairs to the uppermost cell in the leaves. By osmosis, cells often absorb water in such quantities that the walls are put under high tension, and, undoubtedly, the strain often becomes so great as to rupture them.

While osmosis and root pressure are probably the forces mostly concerned in carrying water from the roots to the leaves, capillary action of the wood cells, expansion and contraction of the air bubbles in the wood cells, transpiration and other factors also play their prominent parts. In considering the action of extremes of temperature, it is quite possible that the expansive force of the small air bubbles, and other gases within the plant is partly responsible for water core formation. It is well known that the sap of the sugar maple is made to flow during a warm day, and that the amount of sap collected from the sunny side is greater than that collected from the shady side. The action here is wholly that of pressure produced by heated gases, since trees are always tapped while the ground is still frozen and when there can be no absorption of moisture from the ground. It is therefore possible that while water core occurs under conditions favoring excessive sap pressure or cell turgor, the pressure due to the expansive force of air or gases when heated may be sufficient to produce the injury. As we have seen, fruit on the parts of the tree exposed to direct sunlight are always most affected.

Chemistry of Water Core

It will not be possible in a popular discussion of this nature to go into detail since the whole subject is extremely technical, and only the most simple explanation will be made. It is well known that the ripening process is hastened by frosts, especially if they be followed by warm sunshiny weather. A sudden check, such as would be occasioned by a severe frost, would cause the plant to rapidly produce ferments or enzymes which have the power of making chemical changes in the stored foods of the fruit. Before ripening takes place, the cells of the apple fruit are seen to contain starch bodies. These bodies are not soluble excepting under the action of a certain ferment. If the ferment is rapidly produced and is in great abundance, the conversion of the starch into sugar is very rapid. This conversion is first seen to take place near the core of the apple, the process extending outward. Now, it is also known that cell turgor or tension may be induced by the rapid conversion of starch into sugar. This tension may be caused in two ways: First, by the rapid absorption of water by the sugar through osmotic pressure, second, by the rearrangement of the molecules during the process of starch conversion into sugar. In either case, the pressure may become so great as to rupture the cell walls, but it is probable that both phenomena acting together produce excessive cell turgor. When a cell wall is ruptured, the contents pass into the inter-cellular spaces, giving the affected area a water-soaked appearance, and excluding the air. The exclusion of the air from the affected cells, because of the cell contents from ruptured cells filling the intercellular spaces, undoubtedly increases anaerobic respiration and probably accounts for the formation of compounds similar to the products of alcoholic fermentation. It is therefore possible that fermentation once started may extend to unbroken cells, thus causing the entire fruit to break down.

It must be understood that neither yeasts, fungi nor bacteria play any part in the fermentative processes taking place in water core since all attempts at isolating a causative organism have failed. The physical and chemical activities involved seem to offer sufficient explanation.

(To be continued.)

ELLEN BEACH YAW THE GREAT COLORATURA SOPRANO



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Elks Temple, Ashland, Monday Evening, October 14th Under Auspices of Ashland Lodge of Elks General admission \$1.00. Tickets on sale at Haskins' Drug Store

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13%

New Bungalow home for sale that will rent for \$30.00 a month. We are forcing a sale on this handsome cottage and offering it for \$2375. Not for sale after Oct. 20th as we have agreed to rent same for 2 years at \$30.00 a month rent to responsible parties. If the house is not sold by Oct. 20th Get busy if you want to buy a Real Home at about

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Read Description

This artistic bungalow is 28x55 feet on a large lot 50x140 feet, located on Rose avenue, a paved street, close in, where everybody owns their own homes and many new ones under construction—well built and finely finished, double constructed, which is a rare thing in this locality.

Small fuel bills, porch clear across the front with large cut stone porch piers, large living room 12x28 feet with fire place of white glazed brick, maple floors highly polished, nice grills, china closets and built-in cabinets and bins in the kitchen, solid brass electric fixtures and solid brass hardware to match—laundry trays with hot and cold water, large sleeping porch, two-toned window shades, beautiful tinted walls, nice lawn—this is one of the plans being used so much at Long Beach, California. If there are any houses of this quality and location in the city for sale you will find them listed around \$4000.00.

\$1,100.00 cash will handle, balance easy terms.

No trades of any kind considered.

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A SNAP

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W. T. York & Co.

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The Mock Sad All and Dorothy Wood Co., will appear in high-class magic playlets and comedies, with a complete change of acts each and every evening.

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THE NEW RANCH FOREMAN Lubin

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"UNDINE," the greatest feature ever seen at the Star, and

"CUSTER'S LAST FIGHT" Tremendous historical photoplay.