

MEDFORD MAIL TRIBUNE

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GEORGE PUTNAM, Editor and Manager

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SWORN CIRCULATION. Daily average for eleven months ending November 30, 1911, 2751.

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MEDFORD, OREGON. Metropolitan of Southern Oregon and Northern California, and the fastest growing city in Oregon.

Population—1910—8840; estimated, 1911—10,000.

Five hundred thousand dollar Gravity Water System completed, giving finest supply pure mountain water, and 12 miles of streets paved.

Postoffice receipts for year ending November 30, 1911, show increase of 15 per cent.

Banner fruit city in Oregon—Rogue River Spitzenberg apples won sweepstakes prize and title of "Apple King of the World" at the National Apple Show, Spokane, 1909, and a car of Northwest won First Prize in 1910.

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

SOCIALISM VERSUS SCIENTIFIC MONEY

The socialist orator Howard H. Caldwell and the author of scientific money, E. L. McClure, met in an impromptu discussion at the corner of Central avenue and Sixth street, and discussed socialism.

Mr. McClure stated that socialism was based on the same fundamental error of all political and social organizations—selfishness—every selfish act arrests development, deteriorates character and weakens the will, and until perpetual prosperity has been established freedom and justice is unattainable, for generosity, which is the first essential to normal development, is impossible while the penalty of poverty is inevitable if generosity governs the will.

Socialism stated many defects in political government and offered many remedies that would greatly improve present conditions; but there is no possibility that they can be attained, because all remedies must come through political government, and while a power exists that is invincible no administration can carry out remedies that the money power opposes, without its power is first destroyed.

Money is as vital to the body politic as blood to the individual, and financiers in control of gold supply regulate the circulation of money absolutely and maintain the degree of prosperity as positively as the engineer gauges steam pressure. Prosperity is the practical aim and object of all, to obtain money to satisfy necessities and desires, and the invincible power that rules all prosperity dictates the policy of all political governments under any administration that may be elected—socialist as well.

ARREST CHIEF JUSTICE FOR ILLEGAL VOTING

RENO, Nev., May 22.—Chief Justice James G. Sweeney of the Nevada supreme court today faces a charge of illegal voting at the recent democratic state presidential primary, filed with the democratic county committee of Washoe county by Lee Updike, who ran as a delegate.

"A JUDICIAL MIND IN DEMAGOGIC POLITICS."

ONE cannot help feel sympathy for President Taft and the deal he has received from his strenuous sponsor. As the Pall Mall Gazette says: "The blow delivered to President Taft in his native state is a mortal one and completes the tragedy of a judicial mind in demagogic politics. The sooner the president is retired from the dog fight the better."

Taft belongs upon the bench, not in either the turmoil of politics or the administrator's chair. Especially is he out of place in a catch-as-catch-can tussle with the blustering, bluffing, buffeting rough rider.

As Teddy says, Taft means well feebly. But what did the colonel mean when he forced Taft upon the people? It wasn't done feebly either.

All the art and strategy of politics, all the prestige of the administration, all the forces of the federal brigade were ruthlessly employed by Roosevelt to exalt Taft. The same tactics Roosevelt so condemns Taft for resorting to in order to renominate himself, were used by Teddy in Taft's behalf.

Taft has been a child of fortune throughout his career. He is one of those upon whom greatness was thrust without striving. One can imagine his chagrin and mortification when destiny hurled a few bumps in the path of the victim of Roosevelt's bad judgment and spleen.

As they say in Washington, Taft was "Cincinnati's prize baby who was never spanked until he was 52," and many think T. R., the stern parent, is more to blame than his protegee.

WIRE YOUR CONGRESSMAN.

LAST winter the city council, the county court and Medford Commercial club cooperated and sent Will G. Steel to Washington to lobby for the Crater Lake park appropriation. The cooperation of the various departments was secured and favorable action promised.

While in Washington Mr. Steel presented to the appropriations committees of both senate and house, a plea for favorable consideration of Bourne's bills (S. 4131 and S. 4451), and Hawley's (H. B. 18437), in line with the report of the secretary of war (H. D. 328), asking for funds to construct a system of roads in the Crater Lake National park.

The matter was received with favor, but all such legislation is placed by the committees in the sundry civil bill, which was not then under consideration. However, it is now before the committees and all parties interested should communicate with the Oregon delegation, requesting that the matter be crowded as hard as possible.

Residents of southern Oregon should at once wire Senator Bourne and Congressman Hawley, demanding prompt consideration and asking that these bills be pressed with all due diligence.

In addition Senator Chtmerlain introduced a bill for an appropriation of \$5000 for the survey of additional roads connecting up from the park, both east and west, through the national forest. He should be requested to give this matter his support and immediate consideration.

TURN OUT TONIGHT.

AN EXCELLENT program has been prepared by the commercial club for tonight's public meeting at the Medford theater. There will be music and entertainment, a boxing exhibition and brief talks on live topics by leading citizens. Every citizen should attend.

It is time for Medford to wake up and do things. The city has been dormant long enough. United energy and a pull together will start the ball of progress rolling again, faster than it ever rolled before.

Two things are before the citizens for action, both of which mean much to the future of southern Oregon—the construction of a railroad to the Blue Ledge mine, thus opening up an immense copper camp, supplying a great payroll, and the construction of the irrigation system to supply water to the entire valley at a cost of several millions of dollars.

All that either require is a little concentrated effort, a little unity of action, a little rightly directed energy, a little of the spirit that made Medford.

Optimism and energy make cities. No city ever had the opportunity to acquire so much with so little effort as Medford has today.

Government Meat Inspection Probed

Dr. A. D. Melvin, chief of the bureau of Animal Industry at Washington, who is at the head of the government meat inspection service, states that the bureau has nothing to fear from a fair and thorough investigation of the inspection.

"The resolution introduced in congress by Representative Nelson," says Dr. Melvin, "contains a number of false assumptions based on ignorance or misrepresentation of the facts. It appears that the charges are inspired by professional agitators, aided by disgruntled and discredited ex-employees who have been dismissed from the service.

TIME FOR SECOND SPRAYING NOW

The common apple worm which is the larva of the codling moth is an old European insect which has been distributed by means of fruit shipments to all parts of the world where apples are grown. It is not only the best known fruit pest but is the most generally destructive of all apple insects. It is estimated that the annual loss caused by this insect in the apple and pear orchards of the United States is no less than \$10,000,000, and the cost to the fruit growers for keeping it in check by means of costly spray apparatus, sprays and labor is approximately \$3,000,000.

Moths Rest on Bark of Trees

The codling moth is a shy little insect, and is rarely ever seen since it flies at dusk or during the early evening. It is not attracted by lights, although it is the common belief among many that such is the case. During the day, the moths rest on the bark of the trees which they closely resemble in color, so that even the most careful searcher would experience difficulty in finding it. The wings expand about three-fourths of an inch, and have somewhat the appearance of grayish-brown watered silk, but when examined closely are seen to be crossed by several lines of gray and brown scales. Near the hind angle of each front wing is a large dark brown spot marked with streaks of brown or gold. The hind wings are of a lighter grayish-brown color, darker toward the outer margin. The females are somewhat larger than the males.

Life History—What is Meant by the Term

Every fruit grower has noticed that if a box of wormy apples be placed at one side in the packing house, upon examination a little later it is found that the worms have come out of the fruit and have spun white silken cocoons about themselves. These cocoon-encased worms may be found in the lower corners and between the boards which make up the box. Sometimes the worms wander away some distance from the apples and may be found behind old sacks or other rubbish in the packing house.

Devour Seeds First

A small per cent of worms enter at the stem end of the apple and points on the side in contact with a leaf or another apple. Upon entering the fruit, they usually devour the seeds first, and then feed about the core making a considerable cavity which they fill with frass. They reach full growth in about three weeks, then burrow out through the side of the apple and seek hiding places, usually on the trunks of the trees where they spin cocoons in which to go through their transformations. From two to three weeks are spent in the cocoons, and the moths of the second generation emerge and lay eggs which produce the second brood of worms.

Life Cycle 50 Days

The life cycle of the insect from the eggs of the first generation to the eggs of the second generation is completed in about fifty days. In this district, as in the greater part of the United States, there are but two generations. In the extreme south, there is a third generation; while in the northern New England states with shorter seasons, the majority of the larvae of the first generation hibernate over winter. The second generation worms, as well as those of the third in the south, seem to be more restless than those of the first, and somewhat differently. They enter the fruits mainly through the side and stem end, and they sometimes bore part of the way and ten come out to start at another point, making shallow holes here and there over the surface of the fruit. These are the so-called "worm stung" fruits.

Second Spraying Should Begin

During the past week eggs were laid and we should see some worms as early as the 23rd of May; the maximum number being produced somewhat later. It is for this reason that the growers are urged to have the second spray on before the 25th of the month. The second brood will appear early in July so that the spray following the one now being applied will come during the latter part of June or early in July. The most important point in the control of this insect is the destruction of the first brood worms. If a single pair of moths be allowed to reproduce themselves without hindrance, a total of 1300 to 1500 apples would be made "wormy" at picking time. One can easily estimate the number of boxes of apples that a single pair of moths might destroy in a season. All sprays after the first should be such as to thoroughly cover the fruit and foliage, while the first spray should be directed mainly to fill the calyx cavity of all the fruits. For pears, a single spraying made at this time should be quite sufficient. Under ordinary circumstances, pears are not so readily attacked as apples, and since the calyxes do not close over the cavities, the first spray given the

apples need not be applied. Whenever green or purple apples may be present, tobacco black leaf or any other aphid spray may be added to the arsenical. Arsenate of lead applied at the rate of 4 pounds to 100 gallons of water is sufficiently strong for each application. It is a waste of material to apply it stronger. One matter which should not be overlooked is the force which should be given the spray. A spray rig should be capable of delivering the spray at a pressure of not less than 200 pounds. For the first spray, the nozzle should be set on the rod at an angle of about 45 degrees so that the spray may be directed downward into the upturned blossom ends or calyxes. For tall trees, a tower on the spray wagon is necessary.

The Moth

The moth or miller emerging from the pupal covering, has a wing expanse of about three-fourths of an inch and being more or less inconspicuous it is rarely ever seen by the orchardist. It has been previously described above.

In the spring about the time apple trees bloom the larva within the cocoons change to pupae, and soon thereafter the transformation to the winged moths take place. The time of appearance of the moths varies, therefore very largely by temperature conditions. Beginning to emerge soon after the blooming period, the moths continue to come out over a period of three weeks or more. Within three or four days after emerging the females begin to deposit eggs, placing most of them on the upper surface of the leaves surrounding the cluster of fruits. Each female deposits on an average of fifty eggs, but the number may be seventy-five. About ten days are required for the hatching of the eggs, the time varying with the broods. It usually requires ten days for the first brood to hatch while the time may be two to four days less for the second brood, and the belated first brood. The maximum number of worms are hatched from three to four weeks after the apple blossoms fall, and it is for this reason that a second spraying following the first very shortly should be made. The young worms feed to some extent on the leaves, and if the trees have been freshly sprayed many of them will be poisoned before reaching the apple. Most of the worms of the first brood attempt to enter the apple through the blossom end, often feeding in the calyx cavity for two or three days before burrowing to the core of the apple. If the first spray has been thorough and has been applied before the calyx of the apple closes, the young worm attempting to enter at this point any time during the season will usually be killed.

From Youth to Old Age your teeth need careful attention. Many of the ills of life arise from neglected, decaying teeth. If you are wise you will take good care of your teeth. We are EXPERTS in all branches of dental work. Lady Attendant

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FROM YOUTH TO OLD AGE your teeth need careful attention. Many of the ills of life arise from neglected, decaying teeth. If you are wise you will take good care of your teeth. We are EXPERTS in all branches of dental work. Lady Attendant

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