

PERSONAL ITEMS

Fifty-three acres special, 10 acres coming into bearing orchard. Call on J. B. Wood, Condor Water & Power Co.'s office.

Mrs. C. A. Mould, who has been visiting her daughter, Mrs. C. M. Kidd, during the summer, left Thursday for Chicago to spend the winter.

Moo-Ehul Co., exclusive agents for property in Crescent and Wakefield, Or., townships on Hill's new railroad. See them. Crescent is division point. 220*

J. W. Manning and son, A. J. Manning, of Klamath Falls, are here on a visit to relatives in the valley. Mr. Manning was sheriff of Jackson county in the days when it covered nearly all of the southeastern part of the state, when Jacksonville was the only town and Medford was unthought of. He will spend the winter with his daughter, Mrs. J. D. Fay.

Dr. Stephenson, graduate optician, fits glasses to correct any defect of the eye. Office over Allen & Reagan's. Phone Main 1851. 212

W. A. Sumner leaves Monday for a several months' visit at Sarasota, Florida. He will return in the spring.

Former State Senator Rand of Baker City was a Medford visitor Tuesday.

The J. E. Enyart residence, which formerly stood at the corner of Fir and Sixth streets, and which is being moved to a lot on North Central, has reached the point where the "crossing of the ways," the S. P. ways, must be made. The crossing was successfully made and the old house is now on the final stretch to its new location.

Have you visited the "Marinella Shop?" You are invited to call upstairs in the Kenter block and examine the nicely fitted rooms and learn about "Marinella."

J. W. McIntyre of Jacksonville was a Medford visitor Thursday.

George W. Dunn of Ashland was in Jacksonville Thursday on legal business.

R. A. Rowley was in Medford Thursday from his homestead near Eagle Point.

A. C. Howlett was in Medford on a business trip Thursday.

Is your house wired? One cigar less a day would pay for a hundred per cent increase in comfort. Start living the electric life.

C. C. McClendon of Gold Hill was a Medford visitor Thursday. Mr. McClendon is one of the few real pioneers who are still alive in southern Oregon. He is still hale and hearty in spite of his 70 odd years, and he and Mrs. McClendon leave next week for southern California to spend the winter.

Ladies, you can now have your furs cleaned, remodeled and relined. Call at Humphrey's store afternoon between 3 and 5. We guarantee our work. B. Bartlett. 207

L. T. Brown of Eugene was a Medford visitor Thursday.

If you haven't got a block in Oakdale Park addition you had better get one at once. See W. H. Everhard 909 Ninth street, West, for partou lars.

John George is in Medford from the Blue Ledge.

Have you noticed the new buildings going up in Oakdale Park addition just south of Mr. Root's? If Simon Shaw, one of the original miners in the Blue Ledge section, is in town on business.

Every light but electricity gives off smoke and smoke contains soot which deposits on your wall paper, curtains, draperies. Electric light glows in an air tight bulb.

Mr. and Mrs. I. J. Ansen of Central Point, were in Medford one day this week.

Notice to Real Estate Agents. All my city property is hereby withdrawn from the market. J. L. DEMMER. 207

TOO LATE TO CLASSIFY.

FOR RENT—Furnished front room for a gentleman only. No 9 Lawrence st., opp. Washington school.

WANTED—Errand boy. Apply at Ahren's. 205*

FOR SALE—Limited number purchased Poland China boards, 3 and 4 months old; eligible to go in berberds and cheap enough for any farmer to buy. Berkely Orchards, Geo. E. Osgood, mgr. Phone Farmers 703x3.

WANTED—Position after school and on Saturdays. Address A 6 care Mail Tribune office. 207

FOR RENT—Neatly furnished room to rent, close in. 320 S. Crane street. 206

FOR SALE—Remington typewriter bargain. P. O. Box 863, Medford, Or. 208

FOR RENT—Unfurnished rooms, 1 large front room, kitchen and pantry. 619 N. Contra lav. 207

Haskin's for health.

DISCOVERS CAUSE OF SPOT.

(Continued from Page 1.)

During the past few weeks considerable trouble has been experienced by apple growers because of a peculiar red and black spotting of the apples in storage. In some cases the spotting occurred in a few fruits before picking, but in most cases the trouble only became apparent after the apples had been packed.

A careful examination of the spotted fruit shows that only the epidermal and sub-epidermal cells are injured, and the injury may be said to be only skin deep. However, in the case of the yellow fruit it often gives it the appearance of scale infestation. Later the spots become black and very slightly sunken. The spot is in no way like the "Baldwin spot," which is always to be found affecting the tissues beneath the epidermis, and may go to a considerable depth in the flesh of the fruit. The "Baldwin spot" is purely physiological and is not caused by any fungus or bacterial organism.

For some time past the writer has been working on the storage spot, and now he believes very strongly that the whole trouble is due to inferior lead arsenate which had been used to control codling moth. A large number of qualitative chemical tests were made of the apparently sound fruits, the red-spotted and the black-spotted fruits, and in every case appreciable quantities of arsenic were found. After these tests were known, specimens of apples were sent to the bureau of chemistry, United States department of agriculture, with a request for careful quantitative tests for arsenic. The apples, upon receipt were carefully washed and wiped off so as to remove all arsenic that might have adhered to the outside of the apple, and thus leave only the arsenic that had penetrated the tissues. Ten-gram samples of the spots of both Newtown and Spitzenburg apples and ten-gram samples of the apparently sound skins of each variety were examined for arsenic. The samples taken included not only the epidermal and sub-epidermal tissues, but a considerable amount of the flesh which did not necessarily contain any arsenic. The result of the analysis is as follows:

Spitzenburg—Apparently sound skin, 0.025 mg. arsenic; red spots, .050 mg. arsenic; black spots, .030 mg. arsenic.

Newtown—Apparently sound skin .020 mg. arsenic; red spots, 0.027 mg. arsenic; black spots, —.

From this it will be seen that arsenic has really gotten beneath the epidermis and also in considerable amounts. Undoubtedly the concentration about the injured spots is greater than analyses show. The cause of the trouble is that the lead arsenate used contained too large an amount of soluble arsenic—that is, say, the amounts of the soluble compounds of the arsenic were greater than allowable for safe use. A large number of tests have shown that some of the brands contained as high as 1 to 1 1/2 soluble arsenic, or at least compounds of arsenic. There is another important point which should not be overlooked—a fairly good grade of lead arsenate may become injurious if the water used to apply it contains appreciable amounts of sulphates and chlorides. However, I would say that most of the trouble experienced in this section may be directly traced to the arsenical itself. The effect of putting on three or four applications during the season is such as to cause a cumulative effect. Again, too large quantities are often used. However, if the present con-

tained a minimum amount of soluble arsenic, no trouble should result. The use of more than four pounds of lead arsenate to 100 gallons of water is certainly not advisable.

To those who may receive fruits which are spotted, I would say that the fault in no way rests with the grower or packer. This spotting has always occurred after the fruit was packed for shipment. Furthermore, the spot is not such as to more than injure the epidermis, or, at least, a very few cells beneath the epidermis. This whole matter is very important in that much damage may be done, not directly to the fruit itself, but to its appearance, and this virtually spoils its sale. This office has studied this trouble for the past three or four years and feels that if we are to be without the trouble better grades of lead arsenate must be purchased. The use of an equal weight of lime with the lead arsenate is always advisable in the first sprays. The last spray, however, if lime were used with it, would tend to spot the fruit a good deal, hence the lime must be omitted.

Advertisement for Hamilton Watch, featuring an image of a pocket watch and the text: 'THE Hamilton Watch RAILROAD TIMEKEEPER OF AMERICA. J. W. DAMOND 115 EAST MAIN STREET'

Sale of Dishes

Every housewife can use a few odd dishes and sometimes it will pay you to buy a complete set. We want to show you the lots of dishes and odd pieces which we are selling now at the lowest prices ever made in this part of the country. You can save money on dishes and glassware by coming to this sale sometime soon.

KITCHEN WARE All the little needfuls are here. Most anything that you can name that is needed in the kitchen can be bought at this store and at the smallest prices.

Allin & Allin 135 WEST MAIN STREET

Advertisement for ISIS THEATRE: 'THE HOME OF VAUDEVILLE TO-NIGHT "Never a Dull Moment" HALE AND MARION MUNSON Have written and offer a Newspaper story concerning "THE AMBITION OF BIANCO." The Characters: Bridget O'Toole, Miss Munson, Bianco Campana, Mr. Munson, Tottie Kickup, Billie Bunn, a Reporter. 3-REELS-3 LATEST MOTION PICTURES 1—THE TYRANNY OF THE DARK. 2—A CORSICAN VENDETTA. 3—HANK AND LANK (a comedy). SONG By HARRY BLANCHARD "CHILDHOOD" Doors Open at 7 p. m. CHILDREN, 10 CENTS ADULTS 20 CENTS SPECIAL MATINEE SATURDAY AFTERNOON'

Advertisement for UGO Theater: 'UGO Theater High Class Vaudeville and Moving Pictures Tonight Get Your Money's Worth. 3-REELS-3 3-VAUDEVILLE ACTS-3 Walker and Walker Presenting their black face comedy singing, talking and dancing act. ALFREDO TRAMP MUSICAL COMEDIAN New Act. Don't forget, beginning Sunday we present the Marjorie Mandeville Stock Co., one of the best stock companies ever booked in Medford. Latest and best subjects—Doors open at 7 p. m. Children 10c—U-GO—Adults 20c. MATINEE Every Saturday and Sunday at 2:30'

Advertisement for Cement Sewer Pipe: 'Cement Sewer Pipe Best by Every Test The following letter gives the result of experiments and tests of cement pipe in Portland, Oregon's leading city, where the pipe is extensively used: Portland, Or., Oct. 21, 1910—Mr. A. P. Allen—Dear Sir: Your request for an account of cement and clay pipe test held in Portland June 2d at hand. A test was made to determine the relative merits of cement pipe and clay or so-called vitrified pipe, for the benefit of the mayor, city engineer, city council and public in general at Planigan and Ballou's plumbing shop, June 2, 1910, in the city of Portland, Ore. Three lengths of cement pipe and two lengths of 3 1/2" pipe were placed under water pressure with the following results: Cement pipe stood a pressure of 72 pounds per square inch without percolation or breakage, or the entire city water pressure at that place. The cement pipe was then placed under a water pressure by using a large force pump and broke at 110 pounds pressure per square inch. To that point there was no percolation. Clay pipe was then tested at 4 pounds per square inch. The pipe leaked badly and the first pipe broke at 8 pounds and the second at 18 pounds. Pieces of cement pipe were placed in a 10 per cent solution of sulphuric acid and a 10 per cent solution of nitric the previous day. After being thus treated for twenty-four hours, showed no decomposition or effect of the acid in any way. Iron filings were then placed on a piece of cement pipe and sulphuric acid poured on them. The filings were quickly eaten by the acids, but in no way affecting the cement pipe. The test was conducted by Mr. Bergoin, a former engineer of the city, and Mr. James B. Keir, an attorney of the firm of Carey & Keir, Portland, Ore. The city engineer, Mr. Morris, expressed himself as greatly pleased with the test on cement pipe and recommends it highly for sewer purposes. The mayor and city council were convinced by the tests given that cement pipe was suitable for sewers, and it is now used in all parts of the city for sewer purposes. The cement pipe used in this test was made by the Portland Glazed Cement Pipe Co. of Portland, Ore. The clay pipe used in this test was made by the Oregon & Washington Sewer Pipe Co. of Portland, Ore. Yours respectfully, C. H. BULLEN. CONCRETE CONSTRUCTION CO., A. P. Allen, Manager, 209 Fruitgrowers' Bank.

Advertisement for W. T. York & Co.: 'TO TRADE OR EXCHANGE. The furniture of a 42-room hotel in Coeur d'Alene, Idaho. One of the very best cities of the northwest, of 10,000 people, two railroads and interurban lines, and two new railroads building in. Steamboats plying rivers and lakes. For furniture of a hotel or rooming house in Medford, or would trade for a fire insurance or lease or interest in one and a home in Medford. This place of ours in Coeur d'Alene is a No. 1, makes 40 per cent on the investment. Furniture and building new and modern. Our object in wanting to trade is to get further south. There is no better city in the northwest, or coast cities even, where there are so many opportunities to make money as in Coeur d'Alene, Idaho, immense forests, lakes and rivers and valleys all around Coeur d'Alene. Four big lumber mills, each sawing 300,000 feet a day here. Address, S. B. GRAHAM, care Elite Hotel, Coeur d'Alene, Idaho 107. Alf. Weeks was in Medford from the Del Rio ranch near Rock Point Wednesday. G. F. Trefren of Ashland was in Medford on professional business Wednesday. Haskin's for health.'

Advertisement for Pryor & Co's: 'Try Pryor & Co's New Store For Prices on Furniture Look at This Quartered Oak Veneered Seat Chairs, each .85c Quartered Oak Cobbler Seat Chairs, each \$1.00 Quartered Oak Box Seat Dinner Chairs, any finish, each \$1.75 Early English Weathered or Wax Finish Chairs, each \$1.75 Quartered Oak Cobbler Seat Sewing Rockers, each \$1.50 Quartered Oak Veneered Back and Seat Rockers, each \$3.75 Quartered Oak Veneered Back and Roll Seat Rockers, \$5.50 One full sized Iron Bed. One full sized coil support spring. O full sized cotton top mattress. Set Complete \$6.00 Our prices on Dressers, Extension Tables, etc., are worth investigating before buying elsewhere. This is no misleading removal sale. This is no Monday and Tuesday sale. We are here to stay and our prices apply to every day in the week. Some of our goods are priced below cost, so will be obliged to ask our customers whether or not they are buying for their own use, as we have no goods to sell to other furniture dealers at these prices. North Fir, next fish market. Pryor & Co. North Fir St., Near Main St.'

Advertisement for THE MEDFORD NATIONAL BANK: 'J. E. ENYART, President. J. A. PERRY, Vice-President. JOHN S. ORTH, Cashier. W. B. JACKSON, Ass't Cashier. THE MEDFORD NATIONAL BANK Capital, \$100,000.00 Surplus, \$20,000.00 SAFE DEPOSIT BOXES FOR RENT. A GENERAL BANKING BUSINESS TRANSACTED WE SOLICIT YOUR PATRONAGE.'

Advertisement for Splendid Bargain: 'Splendid Bargain IN HOUSE AND LOT If taken this week, will sell close in lot with 5-room modern house; pays 15 per cent on investment. See GEO. C. CONTIUS, 116 East Main Street, Medford, Oregon'

Advertisement for W. T. York & Co.: 'SPECIAL A Small Bearing Orchard. Attractive Price - Easy Terms W. T. York & Co.'

Advertisement for Mrs. Salters: 'MILLINERY NOTICE If the ladies who have been so kindly awaiting the arrival of the Turbans will please call they can have first choice. Mrs. Salters Home Millinery Shop COR. WEST NINTH AND PEACH STS. MAIL TRIBUNE WANT ADS BRING RESULTS.'