

CITY NEWS

Special Meeting of Pacific Lodge No. 59, A. F. and A. M., this evening. Work in the F. C. degree.

Willamette is Liked— L. Hulbert of Medicine Hat, Alberta, a tourist to the Willamette valley on a vacation trip fell in love with the valley and purchased a 20-acre tract on the Oak Grove road in Polk county, set to prunes and small fruits. He has gone on home to close up his business interests when he will move here with his family and make his newly acquired place his home.

Cherry Pickers Wanted— Apply C. C. Chaffee, 945 Chemeketa St.

Railroad Heads Meet— A conference of railroad managers and shippers will be held here today to discuss proposed rates for hauling fuel and wood pulp by common carriers in Oregon. The hearing will be held in the offices of the Oregon public service commission. The question of readjusting rates for hauling fuel and wood pulp has been at issue for some time, and only recently the public service commissions of Washington and Idaho requested a joint conference with the Oregon commission on this subject. It was said today that this conference will be held later.

Legal Blanks— Get them at The Statesman office. Catalog on application.

Cashier Wanted— Ye Liberty.

Arson Inspector Sought— A telegram was received at the offices of A. C. Barber, state fire marshal, here yesterday, informing the official that a disastrous fire had occurred at Bend and requesting that an arson investigator be sent to that city immediately. H. H. Pomeroy, who has been in Portland for several days, left for Bend tonight to investigate the fire, according to word received here.

A Good \$58 Refrigerator— With white enamel lining—special \$47. C. S. Hamilton.

Rigdon and Son— Reliable funeral directors.

Copper Called Away— Percy Cupper, state engineer, left for Redmond, Crook county, last night where he will tomorrow accompany a committee from congress and Director Davis, of the reclamation service, on an inspection tour of the Deschutes irrigation district and other projects located in that section of the state. A mass meeting of persons interested in further development of the Deschutes project will precede the inspection tour.

Carload Pianos Received— Yesterday Geo. C. Will received a full carload of player pianos. This is the first full carload of player pianos shipped to Salem.

Trusses— Fitted at Tyler's Drug store by an expert in the business.

Notice to Irrigators— Irrigators will please observe the following rules: All houses having even numbers will be allowed to irrigate on Monday, Wednesday, Friday and Sunday. Odd numbers on Tuesday, Thursday, Saturday and Sunday. Hours for irrigating, 6 to 8 a. m.; 5 to 9 p. m.

Special Prices— On refrigerators: \$60 white enamel lined for \$52. C. S. Hamilton.

JCPenney Co.
Better Goods For Less

HIGHEST PRICE PAID For **SECOND HAND FURNITURE** Stoves, Carpets and Tools Capital Hardware and Furniture Co. 285 N. Commercial St. Phone 437

Trunks, Bags, Suit Cases Music Rolls and Brief Cases at **HAMILTON'S** 340 Court Street

WOOD WOOD The best furnace wood in the city for the money at Tracy's Phone 520

Trucks Reduced In Price We have a carload of trucks bought before the advance that we must close out—1½ and 2½ ton sizes. Get our prices. **SALEM VEHICLE COMPANY** 162 North Commercial Street

FURS STORED Store your Furs during summer with us **WEST FUR CO.** 521 Court St. Opposite Court House

OREGON BATH HOUSE Relieve that tired feeling by a Turkish Bath

Basement Oregon Building

CARL & BOWERSOX Groceries 383 Court Street Phone 409

1920 ELGIN SIX IS HERE Motorists who are looking for a strong, serviceable car with elegant body lines and interior specifications that assume maximum service and economy at a reasonable price should see this car. **LEE L. GILBERT, Distributor** 158 So. Commercial Street.

U. S. GARAGE 554 Ferry Street USED BUT NOT ABUSED CARS SPECIAL—New series Studebaker, value \$1625, today \$1200. U. S. Garage. Phone 1752

USED CARS To Sell Cheap for Cash or to trade for Bread and Butter **THE B. & C. MOTOR CO.** 178 S. Commercial St.

WANTED Beans Eggs Potatoes **PEOPLE'S CASH STORE**

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Ohio G. O. P. Leaders Object to "Front Porch" Plan

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Among those who conferred with Mr. Hays were Harry M. Dougherty, who was Senator Hardings campaign manager, and George H. Cook, chairman of the Ohio Republican state committee. A. T. Hert, national committeeman from Kentucky and I. A. Caswell, Minnesota committeeman, also took up the situation in their states.

"We haven't the slightest apprehension about Ohio," Mr. Cook said.

Great Britain Pays Tribute to Late Major Gen. Gorgas

LONDON, July 7.—British opposition of the services rendered humanity by the late Major General William C. Gorgas, former surgeon general of the United States army, will be evidenced by unusual honors paid Friday when funeral services for the deceased American general will be held in St. Paul's church.

INDIAN AGENCY at **A. H. MOORE** 421 Court Street

The Electric Restaurant A good place to eat Short Orders all day 481 State Street J. D. Maddox, Prop.

Soda Crackers, per pound 20c
Dairy Salt in 50 pound sack 75c
Straws, per bale 65c
Laundry Soap in 25 bar lots for \$1.00
Hardwheat Flour at per sack \$3.25

THE HIGHLAND GROCERY Phone 496 746 Highland Avenue

Place Your Order Early for Fall Planting Complete line varieties **Salem Nursery Company** Phone 1763 427 Oregon Building

HARTMAN BROS. CO. For Fine Jewelry Jewelers and Opticians

MILLER'S Good Goods.

HOME OWNERS and BUILDERS Now is the Time to install the **HOMER PIPELESS HOT AIR FURNACE** **WM. GAHLSDORF** The Store of Housewares 135 N. Liberty St. . . . Phone 67

Republic Trucks With Parts and Service **W. H. Hildebrandt & Co.** Distributors Marion County Polk County 279 No. Commercial St., Salem Phone 675

What Have You? We buy, sell and exchange new and second-hand furniture, stoves, ranges, rugs, tools, etc. We will buy your car. **COL. W. F. WRIGHT, Auctioneer** 271 N. Commercial St., Salem, Ore. List your sales with us **People's Furniture Store** Night Phone 1047 Phone 734

WANTED JUNK AND MACHINERY OF ALL KINDS We also buy second-hand goods. If you have anything to sell for a good price call 898. The Square Deal House. **CAPITAL JUNK CO.** 271 Commercial St. Salem, Ore.

Let Us Play the Latest Victor Records **H. L. Stiff Furniture Co.** It Pays To Trade At The **FARMERS CASH STORE** C. Burton Durdall 247—North Commercial—247

Electric Machinery and Engineering Company For **EXPERT ELECTRICAL WORK** 337 Court Street Phone 488

W. T. RIGDON CO. Leading Funeral Directors

LONG DISTANCE AUTO TRUCKING **WILLAMETTE VALLEY TRANSFER CO.** Phone 1400 We also do local hauling.

daughter is visiting relatives in Silverton.

Mrs. Alvina Sasto and daughter visited relatives in Silverton Monday.

Prof. O. V. White and family left Wednesday for Portland where he has been asked to take a school for the coming school year. Mr. White has been superintendent of the Scotts Mills school the past year and has been very efficient in his work.

The stock of confectionery formerly owned by Shiltz & Logue was purchased a few days ago by John P. Pero, the Scotts Mills barber, and removed to the building which Mr. Pero has occupied for some time. George W. Myers has a new Maxwell car which he is using on the stage route between here and Willhoit.

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RACING YACHTS TO BE MEASURED

Shamrock IV Which Will Defend American Title Towed to Brooklyn

NEW YORK, July 8.—Just prior to the starting of the first race for the American cup this month off Sandy Hook, Shamrock IV, the challenger, and the American defender of the historic trophy will be towed to a South Brooklyn shipyard for official measurement. This is a very important feature of the big contest an done that is going to create considerable trouble. Upon the outcome of the measurement will depend the time allowance that will exist between the craft. No one knows what this allowance is going to be, although all who are familiar with the situation state, that the challenger will have to give time to the defender.

It is going to be an exceedingly difficult task to measure the cup yacht. For the first time, the boat will be sailed under the Universal rule of measurement. The rule reads as follows:

"Yachts shall be rated for classification and time allowance according to the following formula: 18 per cent of the product of length, multiplied by the square root of sail area, divided by cube root of displacement."

This is an exceedingly complicated rule and one that only yacht designers understand. For the past 30 years in all of America's cup races the measurement of a boat for time allowance has been one-half of the sum of the load water line length and the square root of sail area.

In 1903 and previous years Messrs. Mower and Hyslop simply measured the deck length of a boat, dropped a plumb bob from each end into the water, floated a batten in under the bow and under the stern, measured the distance from the batten to the plumb line to the end of the waterline, forward and aft, and subtracted the sum of these two measurements from the deck length. That gave them the load water-line length. The sail area was measured according to arbitrary methods, but it was assumed to be and very nearly was the measurement of the area of the sails. To determine the square root of this area was a simple matter and one sum in addition and one in division determined the rating of the boat.

This was the formula even in 1903, although the measurements of boats for other races of the New York Yacht club of that year made under a rule very similar to the one now in force, but this rule having been adopted early in 1903, and the challenge for the cup races on July 1902, the old rule of measurement prevailed in the last cup race.

This year, however, the measurement of yachts will be "more complicated" involving a lot of calculation. The load-water line will be measured as heretofore and then the quarter-beam length will be ascertained. This dimension is used as a corrector of the load-water line and it must not without penalty be more than a certain percentage of the load-water line length for a boat of 75 feet water line, the dimension fixed by the challenger, this percentage will be slightly over 31 percent. Should it exceed this percentage, one-half of the excess will be added to the load-water line length, in order to constitute the length factor in the calculation for rating.

In addition there will be various tests to ascertain whether the builders have made any concave curves or notches in the lines of the hull for if so, certain penalties are provided.

While quite different from that of years ago, the method of measuring the sail area is really a method of ascertaining practically the area of the sails. These two measurements, the length factor and the sail area factor may of course be taken while the boat is in the water. The really new feature of the measurement of the cup yachts, however, will be the measurements taken to determine the spacing. The rule governing this reads:

"Displacement to be obtained by weighing or as follows: The load-water line shall be divided into 10 equal parts and the areas of the immersed cross-sections found in square feet. From these areas the load water line length the displacement in cubic feet shall be calculated by Simpson's rule."

As it is impossible to weigh a cup racer, the area of the immersed cross-sections must be determined. In order to do this it becomes necessary to place the boat in drydock, after the first mark in the waterline at only at the bow and stern, but at the way round, the vessel is allowed to settle on the blocking as the water is drawn off, so that the load water plane should be horizontal.

If one were to erect a perpendicular wall at the side of the boat, parallel to her center line, and then measure at intervals equal to one-tenth of the load-water line length horizontally, and say at intervals of a foot perpendicularly, from this wall, horizontally to the side of the boat, these measurements would be offsets.

The effect of it is much like slicing the boat crosswise into sections, then dividing each section into parallelograms a foot high, then calculating the area of each of these foot-high parts, and adding them together to make the area of the section, and this, it may readily be seen, is going to be a good deal of a job.

Simpson's rule is rather a searching thing when you look at it in the engineer's field books, but it is not such a bit of mathematical depravity as it looks to be, and the application of it is a matter of plain arithmetic, although involving quite a lot of addition, multiplication and division. Having divided the load water line into 10 equal parts, you have made nine cross-sections. You add the areas of these cross-sections,

Having determined the displacement, the length factor and the sail area, measurer will then ascertain the square foot of the sail area and multiply it by the length factor. He will then ascertain the cubic root of the displacement and with it divide the product he has secured by the multiplication of the length factor by the sail area factor; and then to get the ultimate result he will take 18 per cent of the result of that division, and that will be the rating for time allowance.

Removes Roots at Well as Surface Hairs

The chemist who discovered the remarkable hair-destroying properties of phelactine has conferred a genuine blessing upon a multitude of women. This peculiar substance seems to paralyze and shrink up the hairs to which it is applied, right down to their roots and these hairs come out very easily and quickly, root and all, before one's very eyes!

Phelactine is perfectly odorless, non-irritating, non-poisonous—a child could eat it without the least harm. Not to be compared at all with depilatories or electrolysis. It leaves the skin so soft, smooth and hairless, no one would guess you ever had a mousetrap or a hairy growth. If you will obtain a stick of phelactine from your druggist and follow the simple instructions, you will certainly be "more than pleased."

Young People Guests at Luncheon at Silverton

TURNER, Ore., July 7.—About 25 young people were entertained at the W. A. Martin home Saturday evening. Fireworks and games were enjoyed during the evening and delicious ice cream and cake were served at midnight. Several of the girls were dressed in costumes of patriotic colors.

Mrs. Frank Delzell and two of her daughters left the first of the week for a visit in the east. Mr. and Mrs. Gerald Gomer arrived Tuesday for a few days visit with relatives.

Mr. and Mrs. A. L. Haroder have sold their farm south of town and have moved to Turner for the present. Mrs. H. A. Thiessen entertained her friend Miss Ruth Parsons of Salem, Sunday.

The Christian church convention opened Saturday night. There was a fairly large attendance Sunday. Percy Lyle and wife of Portland spent the Fourth in Turner with Mr. Lyle's parents.

STOCKMEN WANT EMBARGO.

FLAGSTAFF, Ariz., July 7.—A resolution calling on President Wilson to place an embargo on importations of beef, mutton and wool to stabilize home markets, was adopted here today at the opening of the joint convention of the Arizona Cattle Growers' association and the Arizona Wool Growers' association.

Hugh F. Campbell of Flagstaff, president of the wool growers, told the convention that 250,000 frozen New Zealand lambs were shipped to this country recently and that 750,000 more would be shipped before September.

Decreasing prices of stock would force payment of lower wages to cowboys and herdsmen, he asserted. F. J. Hagenbarth of Salt Lake, president of the National Wool Growers' association, in an address tonight before the joint convention of the Arizona Wool Growers' and Arizona Cattle Growers' associations

MOTHER! "California Syrup of Figs" Child's Best Laxative



Accept "California" Syrup of Figs only—look for the name California on the package, then you are sure your child is having the best and most harmless physic for the little stomach, liver and bowels. Children love its fruity taste. Full directions on each bottle. You may say "California."

Dr. C. B. O'Neill OPTOMETRIST-OPTICIAN Ladd & Bush Bank Building Cor. State and Commercial Sts. Phone 625 Salem Or

BAKE-RITE BREAD removes the need for the housewife to sweeter over the oven these hot days. We do that, and give you a bread better than you could make yourself. Try it today. It means much to the housewife.

BAKE-RITE BAKERY

HEAT RECORD IS BROKEN

PORTLAND, Ore., July 7.—Heat records here for the present year were shattered late today when the thermometer climbed to 97.

Ford THE UNIVERSAL CAR Sales and Service 290 North High Street **Valley Motor Co.**

GET WISE TO GOITRE Why suffer the discomforts and embarrassments of a Goitre? O. G. C. preparation for goitre has benefited many. Why pay several hundred dollars for an operation to remove a goitre when O. G. C. can be obtained for such a comparatively small expenditure? O. G. C. when properly applied gives satisfactory results; or your money will be refunded. O. G. C. is sold direct, by mail only. Write for booklet. Address Dept. T O. G. C. CHEMICAL COMPANY Seattle, Washington

A Pendleton Business Man Wrote us a few weeks ago that he wanted a young man to do bookkeeping and general office work, such a young man as Mr. or Mr. both of whom he had previously secured from us, our graduates.

We were compelled to answer that we had no such young man ready at this time. These are frequent occurrences. 'Tis too bad there are not more young men fitted to fill these places.

This place offered \$125 a month at the start, and the opportunities for advancement were practically unlimited. Enroll now, and begin preparation for such a place.

Capital Business College SALEM, OREGON

Are You Equipped To Win Success? Here is your opportunity to insure against embarrassing errors in spelling, pronunciation and poor choice of words. Know the meaning of puzzling war terms. Increase your efficiency, which results in power and success.

WEBSTER'S NEW INTERNATIONAL

DICTIONARY is an all-knowing teacher, a universal question answerer, made to meet your needs. It is in daily use by hundreds of thousands of successful men and women the world over. 400,000 Words, 2700 Pages, 6000 Illustrations, 12,000 Biographical Entries, 30,000 Geographical Subjects. **GRAND PRIZE** (Eligible Award) Prizes—Pacific Exposition, REGULAR and EXTRA-PAPER EDITIONS. WRITE for Specimen Page, FREE Pocket Size if you name this paper. **G. & C. BROWNLEE CO.** Springfield, Mass., U. S. A.



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