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A SPECIALTY

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Spring Suits \$13.00 Up

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I have just received a complete line of Spring Suitings, all wool and a yard wide that I can make up at \$13.00 and up. I handle the Eugene Woolen Mills goods. Patronize home industry. All work guaranteed. Steam cleaning and repairing.

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STERLING FEED CO.

D. STERLING, MANAGER

Wheat, Oats, Grain, Hay,
Mill Feed—Shorts, Bran,
Vetch Seed, Chopped Oats,
Oil Meal, Grass Seed—all
kinds constantly on hand.
Poultry Feeds and Supplies.

FLOUR—Hard Wheat Brands:
American Beauty, Pure
White, Red Cross. Every
sack guaranteed.

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to the fact that no other store in the city carries a better or more complete line of Groceries, Dry Goods and General Merchandise. It's a fact. Seeing is believing. Come and see!

JOHNSON & CO.



Hot Lake Sanatorium

Nature's Cure for Rheumatism

You need not suffer. Write today for illustrated booklet descriptive of Hot Lake Sanatorium—Nature's great cure place. A natural boiling spring of curative mineral water. Thousands have been cured here after suffering years from Rheumatism, Stomach, Skin, Blood and Kidney disorders. Directly on main line of O. W. R. & N. Railway.

ASK FOR SPECIAL EXCURSION TICKET

WALTER M. PIERCE
President and Mgr.

Hot Lake, Oregon

Get Prices on Mill Feed at the Flour Mill Before Buying Elsewhere

Rolled Barley, 75 lb. Sack, \$1.15
Shorts, 90 lb. Sack - - 1.45
Shorts, 80 lb. Sack - - 1.30
Bran, 60 lb. Sack - - .80

Feed Grinding a Specialty, 5 Cents per Sack

COTTAGE GROVE FLOUR MILLS

Oregon Comes Fourth in Lumber Production

Five States Furnish 36 Per Cent of Cut of United States :: ::

Washington, Dec. 30.—A preliminary statement of the output of lumber, lath and shingles in the United States during the calendar years 1911, 1910, 1909, and 1908 was issued today by Census Director E. Dana Durand. It was prepared under the direction of William M. Stewart, chief statistician for manufactures, by Jasper E. Wheelchel. The data was collected in cooperation with the forest service of the department of agriculture, and from one of a series of annual reports regarding the lumber and timber industries.

The reported production of lumber in the United States during the calendar year 1911 by 28,107 mills, was 37,003,207 M feet board measure, as against 40,018,282 M feet board measure reported by 31,934 mills in 1910; 44,509,761 M feet reported by 48,121 mills in 1909, and 33,224,369 M feet reported by 31,231 mills in 1908. The figures for the four years covered by the showing are substantially comparable, with the exception of those for the year 1909. The information covering this year was collected by special agents of the census office in connection with the regular quinquennial census of manufactures, and hence covered, theoretically, every lumber producing establishment which was in operation during the whole or any part of that year. The data for 1911, 1910, and 1908 was gathered by correspondence, and these three years do not cover the operations of any of the neighborhood or custom mills. It should be pointed out, furthermore, that the totals for 1911 and 1910 do not include the output of any mill which reported a product of less than 50 M feet during these years. Returns for about 4500 mills of this character were secured in both 1911 and 1910, but omitted from the tabulations. The decrease in 1911 as compared with 1910 of about 4000 mills and three billion feet board measure of lumber were doubtless due in part to a delay of about two months in mailing the schedule cards to the manufacturers in 1912.

While the industry of lumber manufacture is widely distributed throughout the United States, a production during the calendar year 1911 having been reported from every state but one, namely: North Dakota—it is interesting to note that nearly 36 per cent of the total cut was reported from the five states of Washington, Louisiana, Mississippi, Oregon and North Carolina, ranking in the order named. Furthermore, it will be observed that two of these five states are located on the Pacific coast and three in the south, which regions have in recent years become the principal centers of lumber production in the United States, their combined output in 1911 forming 68 per cent of the total cut for that year.

The reported cut of softwood lumber in 1911 was 28,902,388 M feet board measure, or 78.1 per cent of the production from all woods, while that of hardwood lumber amounted to 8,106,819 M feet board measure, or 21.9 per cent. The slightly larger proportion of the total production supplied by softwoods during 1911 as compared with the figures for the preceding year is a logical result of the drift in the lumber industry to regions which are chiefly coniferous or softwood.

The five leading species cut in 1911 were yellow pine, Douglas fir, white pine, oak and hemlock, ranking in the order named, the aggregate output from these woods being 26,835 M feet or 72.5 per cent of the total production from all species. Yellow pine alone supplied 12,896,706 M feet board measure, or 34.9 per cent of the total, white oak, the leading hardwood, contributed 3,089,444.

The Dizzy Waltz.

The following is a clipping taken from a paper 15 years ago:

"The young people who indulge in the dizzy waltz will hear with interest that the heads of the Warsaw and Green ridge societies have decided that 'sitting out' a waltz will be more fashionable this winter than dancing. The sitting out embraces the same position as dancing—the only difference is you sit instead of dance. The man's right arm is around the girl's waist, while his left hand holds her right. Her left hand is placed upon his shoulder, while her head rests lovingly upon his bosom; and all they have to do is to sit and listen to the music."

Now it occurs to me that they are getting it down about right. I have always thought it a piece of foolishness to have to gallop a mile or two to get a hug or two. A room full of people sitting around hugging to music will be much more to the notion of the majority of people. This will give the old "rheumatism" brethren a chance. Most people dance for the position rather than the dance. People sometimes get too old to dance; but a fellow will have to get mighty old before he will feel too old to waltz, on the "sitting out" plan.

A "Lost River."

The deep Kern River canyon, in the high Sierra country of California is interestingly described in a report just issued by the United States Geological Survey. Altitudes in the Kern River basin range from a few hundred feet at the mouth of the river's lower canyon to more than 14,000 feet on the headwaters over a hundred miles distant. More than 50 of the peaks in the basin exceed 13,000 feet in altitude, and many of the lakes which feed the upper stream are at an altitude of 11,000 feet or more.

Mount Whitney, the highest mountain in the United States, towering 14,501 feet above sea level, overlooks the northern part of the Kern River basin from the east.

Kern River rises in glacial lakelets among the high peaks of the Sierra divide and on the Kings-Kern and Great Western divides. It flows directly southward about 70 miles then southwestward to the mouth of its canyon a few miles northeast of Bakersfield, where it enters the south end of San Joaquin Valley. No water from Kern River has reached the San Joaquin in recent years. The water is all utilized for irrigation before it reaches the larger valley, and the Kern becomes a "lost river."

The principal tributary of Kern River is its South Fork. The basin is divided into two lesser basins, differing greatly in topography. The eastern basin is characterized by comparatively low, flat, and irregular hills, separated by many intervening meadows, large and small; it is drained by the South Fork. The western basin is characterized by high glaciated peaks and ridges and by deep canyons; it is drained by the main stream, which flows for a great part of its length through a narrow canyon. Kern River canyon proper is about 20 miles long, 1 mile wide at the top and 1,500 to 2,000 feet deep. The bottom of the canyon is several hundred feet wide and the average gradient is 100 feet to the mile.

The description of this river and of other rivers in the great San Joaquin basin is found in Water-Supply Paper 299 containing stream measurements in the San Joaquin River basin, by H. D. McGlashan and H. J. Dean, of the United States Geological Survey, just issued, in co-operation with the Water Commission and Conservation Commission of the state of California.

A Cheated Cripple

Grows from Babyhood to Womanhood While Suit Pends :: ::

In New York 16 years ago, Harriet Nugent, aged three, was struck by a trolley car of the Metropolitan Street Railway company, and her leg had to be amputated.

A suit for damages was brought, and after four years of complaints, demurrers, trials, appeals, reversals and rehearings, an award of \$5000 damages was obtained.

But the child did not get her money. The Metropolitan found a way to avoid payment. On what is now disclosed to be perjured evidence, her attorney was disbarred on alleged subornation of perjury, and the award of damages was set aside.

But he was innocent. After thirteen years, it is revealed that he was disbarred on perjured testimony. After thirteen years of a court decree that debarred him from earning a living in his profession, it has been discovered that he was an honest lawyer, while the Metropolitan attorney who brought the disbarment proceedings is himself about to be disbarred for the perjured evidence brought into the case.

Meanwhile, the child has grown from babyhood to young womanhood. Through the long sixteen years, she has been supported by a sister who worked in a department store.

But in a denouement that seems stranger than fiction, the revelation of the streetcar company's crookedness has brought another order of the court, in which she is to be paid the original award of \$5000 and an additional amount of \$6000 interest.

The girl's attorney, who was disbarred, is soon to be restored to the practice of his profession. After sixteen years of wrong, a wrong to maimed childhood and to an honest lawyer that time can never right, justice is to prevail.

Few tragedies of romance, few of the brutalities of history are more astounding than is this cheating of a baby cripple by a powerful and cruel traction corporation.—Oregon Journal.

Oregon will not only show off its fruit and farm products, its prize cattle and magnificent timber at the San Francisco exposition in 1915, but if present plans mature, the showing from this state will include the best baby boy and baby girl in Oregon. In this, Oregon will have to compete with children from other states who will be entered in a national eugenics show which is to be a feature of the exposition.

Everything you can mention is in The Sentinel.
"The Shop" Where Good Printing is Done—The Sentinel.

Grove Student Writes; Debate Study Course

Carlton E. Spencer Has Article in Extension Monitor :: ::

In a late issue of the Extension Monitor appeared the following contribution by Carlton E. Spencer of this city, a senior and president of the associated students:

The public speech has, since the beginning of mankind, been one of the principal sources of communication. Although today the newspaper and the magazine have, to a great extent, taken the place of the forum as a source of public instruction and enlightenment, yet the spoken word still continues to be one of the most potent factors in the determination of the thoughts and acts of men. The orator appeals to the eye and to the ear, to the reason and to the feeling; he convinces, he persuades, he inspires. For this reason the study of the forms of public discourse is finding an important place in the curricula of our schools as one of the studies essential to the development of a well-rounded and useful citizen.

And it is well that this is true, for nothing is so purifying to the political life of a people as the glaring light of public discussion. No hypocrisy can live, no demagoguery can flourish, no administration of public affairs can long continue amongst a people who thresh out their problems in open debate.

But it is not sufficient that the comparative few professional public speakers shall be versed in the art of debate; the hearers, as well, must be able to test in their own minds the evidence submitted and to accept or reject the inferences drawn therefrom. They must not be drawn into hasty conclusions by mere eloquence or glittering rhetoric, but must be trained to demand truth and reason as a basis for their thoughts and acts.

This course has been established to develop, as far as possible, the ability to present an argument in clear, forceful, logical and convincing form. But especially it is hoped that the course will develop in the student the faculty for independent thinking. It is hoped that the student will be taught to refrain from making judgments based on ignorance or prejudice. The thorough preparation, the getting down to hard facts necessary in a debate causes a realization of the shallowness of one's knowledge on many subjects, and above all, it brings to light the great mass of ideas that are taken for granted and enables the student to distinguish what he knows from what he does not know. It is hoped that the student will learn to examine a question critically; to learn what it actually involves; to recognize the importance; to define with precision the terms used; to exclude irrelevant matter; to recognize the main issues; to see both sides of a question; to respect the opinions of others; but to accept nothing unless it is substantiated by sound reasoning and incontrovertible facts.

There can be no better training for citizenship.

Who Can Trap Quail?

Several attempts have been made by the state game warden, William L. Finley, to buy Bob-white quail in the eastern states, for liberating in certain parts of Oregon. The Bob-white is a very desirable bird, however, and other states are guarding carefully the supply they now have. Some sections of Oregon are already pretty fairly stocked with Bob-white quail. Other sections are stocked with California and mountain quail.

"We can easily stock almost all parts of our state with these different varieties of quail," said Mr. Finley. "If we can secure reliable parties to trap the birds and ship them under our directions. We are anxious to get in touch with anyone who is in a position to trap quail. We are willing to pay for the birds, and shall arrange to have them sent either to the State Game Farm at Corvallis, or direct to the places where we want to liberate them."

"In parts of the Willamette Valley, and in sections of eastern Oregon, Bob-white quail are quite abundant. These birds will thrive well in southern Oregon, and the people in that part of the country are anxious to have them introduced. In southern Oregon, the California or Valley quail are abundant, and yet we have none of these birds in the Willamette valley, although they would thrive here and make a splendid addition to our supply of game birds."

Both the California quail and Bob-white quail are insect and weed seed eaters. They are not only excellent game birds, but are most valuable birds from the economic standpoint about any farming community.

It is strictly against the law to trap any game birds in the state of Oregon, yet the state game warden can by special written permit grant this privilege for scientific and propagation purposes.

Here is a remedy that will cure you of cold. Why waste time and money experimenting when you can get a remedy that has won a world-wide reputation by its cures of this disease? It can always be depended upon. Known everywhere as Chamberlain's Cough Remedy, and is a real merit. For sale by all Pharmacies.

Phone 35

Feed & Live Barn

CHURCH & CO., INC.
Everything New
Up-to-Date
Give us a

W. R. Fox, 195 W. Walla Walla, Ind., says: "After trying other remedies for my kidney trouble, I purchased a box of Kidney Pills which not only more good than any other ever used, but have positively cured my kidneys right. Other members of my family have used them with results." Take at the first sign of kidney trouble." New Era.

COTTAGE GROVE

We always carry a stock of Lime, Cement, Plaster, Fire Clay and Bricks, Concrete Blocks, Bricks, Shingles and Doors, Windows—all things made of wood, necessary in building. Estimates cheerfully furnished.

When you want a reliable for a cough or cold take Chamberlain's Cough Remedy. It can always be depended upon and is pleasant to take. For sale by Ben's Pharmacy.

'HOW TO STUMP

A most valuable pamphlet. Tells how to clear stump land at the cost per acre, by devices just patented by owners of stump land who send to JOHN A. GORMAN, 1112 Western Ave.

Cut the High Cost of Life. W. H. Chapman, Winthrop, tells how he did it. "My two children had a very bad cough and the medicines did them no good. I bought a bottle of Foley's Honey and Syrup, and before it was all used the children were free and cured of their cough. I saved a doctor's bill of 25¢ bottle of Foley's Honey and Syrup Compound." No opiates. No Drug Store.

4 Acres—half bottom, two-thirds till, enough timber on place to purchase price. Half miles city limits. Inquire, STEVE BURT

Taylor & Higgins

CONTRACTORS

Concrete Work a Specialty
COTTAGE GROVE - OREGON

If your children are subject to attacks of croup, watch for the symptom, hoarseness. Give Chamberlain's Cough Remedy as soon as the child becomes hoarse and the cough may be ward off. For sale by Ben's Pharmacy.

J. E. Blackmon

THE CITY TRANSFER

All Kinds of Hauling & Draying Done on Short Notice
Office at Saltzman's Cigar

Escaped After Fifteen Years. W. P. Broyles made a successful escape after fifteen years of suffering from kidney and bladder trouble. Foley Kidney Pills released him. He will do just the same for others. Says: "They cured a most excruciating backache with painful bladder irritations, and they do all you claim for them." Refuse substitutes. See Drug Store.

WEDDING Stationery every kind.—Sentinel

Tales of

Many Matters of

Any item in these columns marked [] is paid advertisement in compliance with the postal regulations.

D. Beatty of Ainsworth, during the past week visited, a former resident of the city. Mr. Beatty is looking for a place to live.

8-pound daughter was born to Mr. and Mrs. O. J. Underwood and Mrs. Dunlop of Cremona. Dunlop's father and mother, Mrs. Goodrich of Portland, Tuesday at the A. B. Wood

19, 19

big night for Cot. Keep your eye for developments.

face is good at any time. At Armstrong's Art Studio the picture will be a credit to us.

C. Wright and L. R. McCord, Walker yesterday.

D. Schmitt, C. W. Wallace, Burkholder left Tuesday as the meeting of the Albany Association at Albany.

condition of C. H. Walla Walla in time often save Dr. Goff, shoe chiropractor. Hattie Bennett of Holm is visiting in the city, visited yesterday.

Sheets and daughter of B. visited at the C. E. Un Monday and Tuesday.

and Mrs. H. K. Metcalf seriously ill during the past

OE BAKE

General Blacksmith AND REPAIR WORK LOCATED ON WEST S

rules stumping powder is a Engel Hardware Co.

Chas. Wright arrived T Walla Walla, Wash., for the daughter, Mrs. Nelson

Gauld of Eastern Oregon Appleton of North Dakota the Harry Hart home the week. They went on to Ro day. Mr. Appleton will be, but Mr. Gauld will return over the Grove country.

W. H. Chapman, Winthrop, tells how he did it. "My two children had a very bad cough and the medicines did them no good. I bought a bottle of Foley's Honey and Syrup, and before it was all used the children were free and cured of their cough. I saved a doctor's bill of 25¢ bottle of Foley's Honey and Syrup Compound." No opiates. No Drug Store.

4 Acres—half bottom, two-thirds till, enough timber on place to purchase price. Half miles city limits. Inquire, STEVE BURT

BACK AGAIN.—Tom Awbrn earned much improved in health. He is glad to give all matters you may wish attended. Personal and prompt attention. Great Express Office.

Mrs. Archie Thompson is sloving.

Mildred Pringle returned from a visit up the valley. James Potts during the past completed a deal for the Hohl store, cigarstand and po

me about this company.

A Life Insurance Company which wrote \$9,384,550 worth of insurance in less than three years must have something pretty good to offer. Ask me about this company.

H. K. METCALF :: Phone 107-L

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