

Farmers and Merchants

Write us for our cash offer on your Farm and Dairy Produce. If we don't handle it will refer you to reliable buyer. **PEARSON-PAGE CO.** Portland, Oregon.

WOOL & MOHAIR, HIDES & PELTS
We Want All You Have. Write for latest shipping tags.
THE H. F. NORTON COMPANY
213-215 Front St. Portland, Ore.

PORTLAND FREE EMPLOYMENT BUREAU

Will furnish you any kind of help you want, male or female, skilled or unskilled, farm, sawmill, logging or any miscellaneous labor. Call, write or phone. No fee of any kind charged in this office. Phone—A 5424; Main 3555. 215 Second St., Portland, Or.

Machinery

Second-Hand Machinery—lough, soil and exchanged, cranes, boilers, sawmills, etc. The J. E. Martin Co., 761 1st St., Portland. Send for Stock List and prices.

\$1.25 per word inserts Classified ads in 96 leading papers in U. S. Send for list. **Duke Advertising Agency**, 432 S. Main, Los Angeles, or 12 Geary, San Francisco

Vancouver and Portland

Will be joined by a great wagon bridge across the Columbia river, bringing Vancouver closer to Portland markets. When this bridge is finished, land around Vancouver will soon double in value. NOW you can buy such land at a reasonable price. For prices and terms address **R. W. Merrill**, 819 Washington St., Vancouver, Wash.

We Make You Competent to Earn \$25 to \$50 per Week
In 6 to 8 weeks. We give complete course in driving, repairing, etc. all kinds of automobiles. Every student gets personal attention and credit for previous experience. Write for terms. **Edmund Auto School & Garage**, E. 2nd and Morrison Sts., Portland, Ore.

FUCHI

—The great skin rejuvenator. If you have sallow skin, wrinkles, pimples or roughness of the face or arms, the application of FUCHI will bring back the glow and freshness of youth. 17 packages, \$1. (Branch) **Fuchi Laboratories**, Suite 5, 342 1-2 Washington St., Portland, Ore.

"WOODLARK" SQUIRREL POISON
THE BRAND THAT KILLS
Destroys Sage Kats, Squirrels, Gophers and Prairie Dogs. Requires no mixing or preparation. Always ready for use. Delivered of all. Your money back if not as claimed.
CLARKS, WOODWARD DRUG CO., Portland, Ore.

California Weekly Papers

\$3 PER INCH FOR LIST OF 25
\$4 PER INCH FOR LIST OF 40
\$5 PER INCH FOR LIST OF 60
This is less than half the combined rates of the individual papers.
The Duke Advertising Agency
432 South Main St. Los Angeles, Cal.

W. L. DOUGLAS SHOES

\$2.50 \$3.00 \$3.50 \$4.00 \$4.50 & \$5.00

FOR MEN, WOMEN AND BOYS
W. L. Douglas \$4.00, \$4.50 & \$5.00 shoes equal Custom Bench Work costing \$6.00 to \$8.00

One pair of W. L. Douglas \$2.00 or \$3.50 Boys' shoes will positively outwear two pairs of other makes.

Why does W. L. Douglas make and sell more fine shoes than any other manufacturer in the world? BECAUSE: he stamps his name and price on the bottom and guarantees the value, which protects the wearer against high prices and inferior shoes of other makes. BECAUSE: they are the most economical and satisfactory; you can save money by wearing W. L. Douglas shoes. BECAUSE: they have no equal for style, fit and wear. DONT TAKE A SUBSTITUTE FOR W. L. DOUGLAS SHOES. If your dealer cannot supply W. L. Douglas shoes, write W. L. Douglas, Brockton, Mass., for catalog. Shoes sent everywhere delivery charges prepaid.

Intelligent Ostrich.
An ostrich which recently passed away at a private zoo in Bedfordshire was found to have eaten seven pounds of stones and a bicycle puncture outfit. It is thought, says London Punch, that the intelligent creature had tried to cure an internal cut caused by the sharp edge of the stones.

Hood's Sarsaparilla

By virtue of its unequalled blood-purifying, nerve-strengthening, stomach-toning, appetite-restoring properties, is the one Great Spring Medicine.

Get it today in usual liquid form or tablets called Sarsatabs. 100 Doses \$1.

In Ancient Days.
The chimney corner was a favorite place for early settlers when they took their tobacco. Buckets were the chief reliance of the fire fighters. When an alarm was cried each citizen grabbed his buckets and ran to answer it. If he couldn't respond in an instant he threw his buckets out his window, and his neighbor picked them up and carried them along.

True Greatness.
Genuine greatness is marked by simplicity, unostentatiousness, self-forgetfulness, a hearty interest in others, a feeling of brotherhood with the human family.—Channing.

Bettis Eye Salve

His Point of Anxiety.
Son-in-law (superintending mother-in-law's funeral)—I suppose—er—you've dug it deep enough?—By-stander.

Love and Friendship.
"Love was created so that man might understand woman; friendship, so that man might understand man."—From Lillian Shaffner's "Love and Friendship."

MEXICAN MUSTANG LINIMENT

The Household Remedy.
John Lind, Yost, Utah, writes: "We have been using your Mexican Mustang Liniment in our family ever since 1888 and find it to be a good article to have in the house and never without it. I have recommended it to many of my friends who have also found the same very valuable."
25c. 50c. \$1 a bottle at Drug & Gen'l Stores

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Ministers.
Much alarm is done by the excellent men and women who gather up all the charges of cruelty against surgeons and physicians and publish them in the interest of humanity. We make no exception, not even in the case of missionaries, when we say that there is no class in the community which furnishes more heroic examples of devotion to the interests of mankind than the nurses and physicians who spend their lives not only in ministering to the sick, but in devising new ways to relieve suffering and in tracing out the secret causes of disease. Every month we read of physicians who have lost their lives in the conduct of experiments designed solely to banish the plagues which devastate society. They die of yellow fever, the plague, leprosy, the baneful effects of radium and the new applications of the secret forces which are just coming under experiment in chemical laboratories.—Christian Register.

TRY MURINE EYE REMEDY
for Red, Weak, Watery, Watery Eyes and Granulated Eyelids. Murine Doesn't Smart—Soothes Eye Pain. Druggists Sell Murine Eye Remedy, Liquid, 25c, 50c, \$1.00. Murine Eye Salve in Aseptic Tubes, 25c, \$1.00. Eye Books and Eye Advice Free by Mail. **Murine Eye Remedy Co., Chicago.**

Youngster Brave Under Operation.
A remarkable exhibition of nerve in a young child was seen the other day in a Spokane, Wash., hospital, when a 6-year-old boy endured his third operation in one week, without an anesthetic. The operation consisted of the grafting of a piece of skin two inches square on his shoulder, to cover an open wound, due to an accident some time ago, when the lad, while coasting, was caught under a street car.

Water in bluing is adulteration. Glass and water make liquid blue costly. Buy Red Cross Ball Blue, makes clothes whiter than snow.

Gum From Seaweed.

It is announced that a London chemist has succeeded in getting from seaweed a kind of gum which has among other properties a greater capacity for electrical resistance than vulcanite. It is said also to be damp-proof, acid-proof and germ-proof, as well as insensible to changes of temperature, and quite unflammable. Tests of the substance have been made at the Westminster Electric Laboratories.

IN LILAC TIME.

If you cut twigs from the lilac bush and put them at once in hot water, then later keep them in fresh water in a sunny window, the twigs will soon turn green and show leaf long before the bushes outside are even in bud. The spice bush will do better yet, for its twigs will bloom in water if kept in a sunny window.

Mothers will find Mrs. Winslow's Soothing Syrup the best remedy to use for their children during the teething period.

Daily Glimpse of Manhattan.
The question of chief public interest is not whether head waiters call themselves "dining-room superintendents" or by any other name, but rather what effect such a change will have upon the amount of backsheesh exacted from the hapless diner. Will the tip increase as the square of the title?—New York Tribune.

Sign of Age.
You are aging a little when you no longer consider hardship a good time. —Atchison Globe.

BACKACHE NOT A DISEASE

But a Symptom, a Danger Signal Which Every Woman Should Heed.

Backache is a symptom of organic weakness or derangement. If you have backache don't neglect it. To get permanent relief you must reach the root of the trouble. Read about Mrs. Woodall's experience.

Morton's Gap, Kentucky.—"I suffered two years with female disorders, my health was very bad and I had a continual backache which was simply awful. I could not stand on my feet long enough to cook a meal's victuals without my back nearly killing me, and I would have such dragging sensations I could hardly bear it. I had soreness in each side, could not stand tight clothing, and was irregular. I was completely run down. On advice I took Lydia E. Pinkham's Vegetable Compound and am enjoying good health. It is now more than two years and I have not had an ache or pain since. I do all my own work, washing and everything, and never have backache any more. I think your medicine is grand and I praise it to all my neighbors. If you think my testimony will help others you may publish it."—Mrs. OLLIE WOODALL, Morton's Gap, Kentucky.

If you have the slightest doubt that Lydia E. Pinkham's Vegetable Compound will help you, write to Lydia E. Pinkham Medicine Co. (confidential) Lynn, Mass., for advice. Your letter will be opened, read and answered by a woman, and held in strict confidence.

Getting His Measure.
"Isn't that young man remarkably fond of outdoor sports?"
"No," replied Miss Cayenne. "He merely enjoys having his picture taken in outdoor clothes."

TOP-WORKING OF OLD FRUIT TREES IS CONSIDERED BEST

Method Gives Very Desirable Crops and Brings Quicker Returns Than by Replanting of Young Trees—Practice of Grafting Is Not Mysterious Art—Few Important Points.

(By PROF. O. B. WHITE, Colorado.)
It has been proven by long experience that if properly done, the grafting over of old trees by top-working brings quicker returns than the replanting of young trees. In fact, it is not uncommon to see a fairly good crop on the three-year-old top of a top-worked tree.

Top working, as a means of establishing a weak-growing variety on a



Teaching Tree How to Grow.

stronger root system than its own, is coming into high favor.

The practice of grafting is not a mysterious art, as many suppose, but is so simple that any careful orchardist can and should do it himself. All common fruit trees can easily be budded or grafted.

The apple and pear may be intergrafted upon each other, and this is true of the peach, plum, apricot and almond. However, such wholesale mixing is not good practice, and the pear and apple never take a good union.

Peach grafts start vigorously upon apricots, and plums upon the peach trees.

Growth in diameter of the tree only takes place in a very small region between the bark and the sapwood. This part of the stem is called the cambium, and in this thin layer of tissue the cells are still active while the activity of each succeeding layer on each side grows less and less.

The important point in grafting is to see that the cambium layers of the stock and the scion are matched at some point. When the growth is active we say the bark "peels." Budding is done during this period, not only because the ease with which the

bark separates from the wood simplifies the work of inserting the bud, but as the growth is more active the tissues of the bud and the stock are more likely to unite.

It does not pay to graft trees which show poor growth, and it seldom pays to top-work any crab. It is also questionable as to whether it pays to top-work stone-fruit trees. While good tops may be grown on either peach, apricot or almond, it is doubtful whether these crops will bear much quicker returns than young trees set in the place of the old ones.

There are various methods of graftage, the most common in the west being cleft and kerf grafting. These operations are simple and are known to most orchardists.

In cleft grafting, the limb is sawed off squarely, the stub split down about two inches with the grafting chisel, and the clefts wedged open with the scion inserted as a wedge.

The first bud should be left a little below the top of the wedge, cutting the edge of the wedge opposite the bud a little thinner than the other. The scion is then driven firmly into place with the lower bud to the outside, and a little below the top of the cleft.

It is important that the inner bark on the outer edge of the wedge should be brought in contact with the inner bark on the stub. It is between these parts that the union takes place.

Kerf grafting is almost the same as cleft grafting, only the stub is prepared by saw cuts instead of splitting. These are made on opposite sides of the stub and trimmed to thin V-shaped grooves with a saddler's knife, the scion is then trimmed to fit, driven firmly into place and waxed as in cleft grafting.

It is not good practice to remove the whole top of the tree the first year and graft all the stubs. Often this proves too much for the tree and it falls even after the grafts have made a good start. They may linger two or three years and then die.

A better plan is to cut away only enough limbs to set scion for a good



Fig. 1. Attempt at Working Over Old Transcendent Crab Tree, Showing About as Good a Selection of Stubs as Is Possible With Such a Subject.

Fig. 2. Same Tree One Year Later With Quite a Promising Top, but Enlargement at Base of Scions Shows That the Union Is Not Perfect.

top, generally about half of the tree. Working of more stubs results in too dense a top, or necessitates their removal later.

The remaining limbs may be shortened, but some foliage is needed to protect the stubs and trunk from sunscald, as well as to supply nourishment.

KEEPING LITTLE CHICKS HEALTHY

Mixture of Lard and Coal Oil Applied to Head of Youngsters Will Be Found Excellent.

(By HELEN JACKSON.)
I want to tell how I got rid of the white diarrhoea in chicks. When they are old enough to take off the nests, say about 20 hours after they are hatched, take lard and coal oil in equal quantities, mix thoroughly and rub one drop on top of the head and on the vent.

Put them in a box and give them some sand and a little ground oats and no other feed until they are one week old. The second week they may show signs of the white diarrhoea, but repeat the treatment described.

I raised 300 chicks last year and never lost one with the white diarrhoea. This is the way I always treat my chicks.

Do not give the chicks any more feed than they will eat up clean every time. I always feed German millet to the chicks when I can get it as I think it better than chick feed.

When the chicks are first taken off the nests I feed them about every two hours—just a little mother's oats. For the first week you can give the mother hen some corn or oats but always have some sand in the box so the chicks can get it.

Never let the chicks get wet or chilled as that stunts them.

Chicken Wire.

Buy chicken wire to use in the garden instead of stakes wherever possible.

FARM ANIMALS CRAVE FOR SALT

If Placed Within Easy Reach They Will Consume Just What They Need and No More.

All farm animals have an instinctive craving for salt. But if it is so placed as to be always within their reach, they will consume just as much as they need, and no more. It is only when it has been kept from them for a long period that there is danger of their eating too much. It is therefore an excellent practice to keep it in a box or boxes where they can have access to it whenever they desire. When they are salted, as is the practice with many farmers, only once a week, while some may get enough, others may suffer from a deficient supply. Salt promotes an active circulation of the blood, which never becomes thick and sluggish so long as the supply is plentiful; it assists digestion, and is often a preventive of disease. It is so cheap that no stock-raiser can really afford to deny to his animals all they want of it.

Value of Stover.

When it is known that three tons of corn stover is practically equal to one ton of mixed clover and timothy hay, any farmer can easily figure out whether it will pay him to save his clover or not.

Coarse Feed for Colts.

Stuffing the colt with hay or straw, or any very coarse feed, will spoil its looks. Keep this ration down by the use of some grains and less coarse feed.



—not tea
—not coffee
It's the most delightful Breakfast

Drink you ever tasted
—and the most wholesome and invigorating. You cannot but like its rich "grainy" flavor and spicy aroma. Ask your grocer for

Three G's

(GOLDEN GRAIN GRANULES)
—If he hasn't got it he will get it for you. It's good for you 3 times a day. And remember that there is no substitute for 3 G's.

DR. W. M. PFUNDER'S OREGON BLOOD PURIFIER

A Tonic, Alterative and Resolvent. The best remedy for Kidneys, Liver and Bowels. Eradicates Pimples, Eruptions and Disorders of the Skin. Purifies the Blood and gives Tone, Strength and Vigor to the entire system.

Cow Wrought Much Mischief.

A series of accidents all on account of a cow occurred one day not long ago at Neerim, South Victoria. A man who was driving a gig was upset by running over a cow. The pony then bolted with the upturned gig, which frightened a team of horses attached to a wagon, and the latter capsized over a log, pinning underneath it the driver, who sustained a fracture of the skull.

Don't buy water for bluing. Liquid blue is all you need. Buy Red Cross Ball blue, the blue that's all blue.

He Also Serves Who—

If you want to "serve the people" it isn't necessary to run for an office. Work hard, attend to your own business, and pay your bills on the first of the month. Follow that plan and you will be more popular than any statesman, and will have less grief.—Emporia Gazette.

THE KEYSTONE TO HEALTH IS HOSTETTER'S STOMACH BITTERS

TO sharpen the appetite, assist the stomach, prevent constipation,

TRY THE BITTERS TODAY

It does the work. All Druggists

Old City Well Uncovered.

A well that probably supplied the early inhabitants of Sydney, N. S. W., with water has been found by workmen engaged in the demolition of premises in Oxford street. The well has a depth of 30 feet, and contained when opened about 25 feet of water. The bricks are hand made and dovetailed, no mortar being used in placing them in position. The top of the well is covered with some ironbark slabs.

Probably a Robber's Hoard.

A woodcutter at Molaison, in the Forest of Compelgne, northern France, found a box recently, in the trunk of an old oak. Opening the box, he discovered \$700 in gold pieces. On examination the coins, which have been in the tree trunk for nearly a century, were found to be stained with human blood.

Tonic—Alterative

What is a "tonic"? A medicine that increases the strength or the tone of the whole system. What is an "alterative"? A medicine that alters or changes unhealthy action to healthy action. Name the best "tonic and alterative"? Ayer's Sarsaparilla, the only Sarsaparilla entirely free from alcohol. Ask your doctor about it.

Bilious attacks, sick-headaches, indigestion, constipation, dizzy spells—these are some of the results of an inactive liver. Ask your doctor if he endorses Ayer's Pills in these cases. The dose is small, one pill at bedtime. Made by the J. C. AYER CO., Lowell, Mass.

Painless Dentistry

Is our pride—our hobby—our study for years and now our success, and ours is the best, the most perfect work to be found anywhere, no matter how much you pay. Compare our Prices.

We finish plate and bridge work for out of town patrons in one day if desired. Painless extraction free when plates or bridges work is ordered. Consultation free.
Molar Drows \$5.00
22k Bridge Teeth 1.00
Gold Fillings 1.00
Enamel Fillings 1.50
Silver Fillings .50
Good Rubber Plates 5.00
Best Rubber Plates 7.50
Painless Extractions .50
BEST METHODS
All work fully guaranteed for fifteen years.

Wise Dental Co., Inc.

Painless Dentists
Holding Building, Third and Washington, PORTLAND, ORE.
Office Hours: 8 A. M. to 5 P. M. Sundays, 9 to 12.

P. H. U. No 1-12

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PUTNAM FADELESS DYES

Color more goods brighter and faster colors than any other dye. One 10c package colors silk, wool and cotton equally well and is guaranteed to give perfect results. Ask dealer, or we will send postpaid at 10c a package. Write for free booklet how to dye, bleach and mix colors. **MONROE DRUG COMPANY, Quincy, Illinois.**