

POULTRY AND GAME

Can get you fancy prices for Wild Ducks and other game in season. Write us for each offer on all kinds of poultry, pork, etc.

Pearson-Page Co., Portland

Ship us your VEAL, PORK, POULTRY, HIDES

We guarantee top prices and prompt service by express MAIL. Each price, copy, free. We will send for you year on request to all who make shipments during January one year's subscription to either Northwest Poultry Journal, Pacific Homestead, Poultry Life, Northwest Poultry Farmer. Please tell your dealers about our liberal offer. Ship to:

F. H. SCHMALE & CO.
Portland Capital Bldg., 141-143 First St., PORTLAND, ORE.

For Sale—40 a. Lincoln Co., Ore.; 15 a. cult., house, barn, outbuildings, stock, machinery, etc.; excellent dairy and cattle farm. R. J. Thomas, Summerville, Ore.

For Sale—10 a. Crook Co., Ore.; 60 a. cult., 4-r. house, barn, henhouse, etc. Am to farmer, bargain price terms. L. Rogelinger, Astoria, Ore.

For Sale—20 a., all cult., Umatilla Co., Ore.; 4-r. house, barn, outbuildings, 6 a. orchard, etc. Ideal location, beautiful home. F. E. Wells, Hermiston, Ore.

For sale or exchange for Oregon land, 200 a., Big Horn Co., Wyo.; 20 a. in alfalfa, 12-hour barn, outbuildings, over 20 fruit trees, stock, machinery, etc. M. D. Howard, Greely, Wyo.

Machinery—Second-Hand Machinery, every kind, sold and exchanged; engines, boilers, sawmills, etc. The J. E. Martin Co., 221 1st St., Portland. Send for Stock List and prices.

HUNTERS! TRAPPERS!

Deal direct with manufacturer. We pay the highest prices for Live Fur. Write for free price list and shipping tags.

N. M. UNGAR CO., FURRIERS
191 Seventh Street, PORTLAND, ORE.

RAW FURS WANTED

HIGHEST PRICES, QUICK RETURNS

Ship to H. LIEBS & CO.
117 1/2 Flanagan, Mt. Hood, Ore.
—MANUFACTURING FURRIERS
238 Harrison St. Cor. 8th
Rt. Five Nat'l Bldg., Portland, Ore.

LIME FERTILIZER

Also Land Plaster, Lime, Cement, Wall Plaster and Shingles. Write for prices.

NOTTINGHAM & CO.
102 Front Street, PORTLAND, ORE.

BANDMEN: We are Sole Agents for **HOLTEN and BUESCHER** band instruments. The most complete stock of Musical Merchandise in the Northwest. Write for Catalogues.

SEIBERLING-LUCAS MUSIC CO.
124 Second Street, Portland, Oregon

SHIP YOUR VEAL, HOGS, POULTRY AND EGGS to the **VOGEL PRODUCE CO.**

203 1/2 Washington St., Portland, Oregon.

And get top market prices and money by return mail. Market reports, shipping tags, etc., sent on request. Reference: Lumbermen's Nat'l Bank.

Care of Broken China.

When mending broken china always place it to set in a large box filled with sawdust. By this means it is easy to stand the article in any desired position, so that its own weight holds the pieces in place, while the cement is hardening.

North Pacific College of Dentistry and Pharmacy

The North Pacific College was established in 1898. It has departments of Dentistry and Pharmacy. No school in America has better facilities for the training of young men and women for successful professional careers. The annual session begins October First. An illustrated catalog of information will be forwarded upon application to

Registrar, North Pacific College
East Sixth and Oregon Sts., Portland, Ore.

Philosophy. A philosopher is a man who can look Hard Luck in the face and think of the value the experience he is having will be to him in later years.

Eternal Feminine. A woman can't win a man merely by making him comfortable, but she often can do it by keeping him guessing.—Topeka Capital.

There Are Compensations. "This increased cost of living is something terrible!" said the young man as he paid the third installment on the engagement ring.

Absolute Mossback. The man who takes no interest in public schools, good roads, religion or politics isn't even a satisfactory has-been.—Atlanta Journal.

Stops Backache

Sloan's Liniment is a splendid remedy for backache, stiff joints, rheumatism, neuralgia and sciatica. You don't need to rub it in—just laid on lightly it gives comfort and ease at once.

Best for Pain and Stiffness

Mr. GEO. BUCHANAN, of Welch, Okla., writes—"I have used your Liniment for the past ten years for pain in back and stiffness and find it the best Liniment I ever tried. I recommend it to anyone for pains of any kind."

SLOAN'S LINIMENT

is good for sprains, strains, bruises, cramp or soreness of the muscles, and all affections of the throat and chest.

Got Entire Relief

R. D. BURGOYNE, of Maysville, Ky., R.R. 1, Box 5, writes—"I had severe pains between my shoulders; I got a bottle of your Liniment and had entire relief at the fifth application."

Relieved Severe Pain in Shoulders

Mr. J. UNDERWOOD, of 2000 Warren Ave., Chicago, Ill., writes—"I am a piano polisher by occupation, and since last September have suffered with severe pain in both shoulders. I could not rest night or day. One of my friends told me about your Liniment. Three applications completely cured me and I will never be without it."

Price 25c, 50c, and \$1.00 at All Dealers.

Send for Sloan's free book on horses.

Dr. Earl S. Sloan,
Boston, Mass.

Corner for the Juniors

AMUSING TRICK WITH WHEEL

Seems to Revolve Automatically Without Any External Power—Apparatus is Very Simple.

The mystery of this wheel is that it seems to revolve automatically without any visible external power. It is at the same time an amusing trick and an instructive experiment. The apparatus required is very simple and can be made at home, says the Popular Mechanic.

A glass bottle is half filled with sand and water, so that it will stand securely, and a cork placed in the neck. Into this cork a needle should be inserted so that it projects perpendicularly, which is most easily done by heating one end of the needle to a red heat and then pushing it into the cork as deeply as possible. Into a disk of cork of suitable thickness and at four points on its side, as equal distances apart, are inserted four pieces of copper wire of the same length each bent at the outer end to form a hook—these copper wires thus forming the spokes of the wheel. The rim is made of a small iron wire bent in a circular shape and held in the hooks on the ends of the copper wires. The now completed wheel is balanced on the free point on the needle, so that it can turn easily.

Place an alcohol lamp in such a position that when it is lighted the tip of the flame will just reach the rim of the wheel. (Any other flame that will not soot the rim may be used.) In the box A, placed with its bottom level with the wheel, put a horseshoe magnet so that the flame is opposite one of its poles. After the lamp has been lighted for a few seconds, the wheel will begin to revolve, seemingly without cause. Why does it do so? Because the magnet magnetizes or it attracts the part of the ring nearest it while cold, but not when it is glowing. Instead, it will attract the cooler part of the ring, nearest behind the flame and so on, the wheel thus spinning round, faster in the same proportion as the magnet is stronger and the iron rim smaller.

If this experiment is shown before spectators as a trick, the performer may say to the audience that he alone can make the wheel spin around without touching it. Should some one accept his challenge, he may, in a careless way, move the box containing the magnet away or turn it around so that it will not influence the iron ring and then, of course, the wheel will remain immovable.

Worth While.

We may be sure, although we know not how, we give our lives like coral insects, to build up, invisibly, in the twilight of the seas of time, the reef of righteousness; and we may be sure, although we see not why, it is a thing worth doing.—Robert Louis Stevenson.

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

Not a Man's World.

This is not rightly a man's world. Great men are but dreams of women become militant. Women are the real inspirers of men; they ignite his every conception. Never yet has man sung, painted, prophesied nor in any way woven tighter the spirit of his time, but that his mother was first great enough to attract the gift; and more often than not, upon his maturity, the potential gift was startled into its supreme expression by another mother's daughter.—Will Livingston Comfort.

Bettis Eye Salve GRANULATED ITCHING LIDS

Old-Time Letter Writing.

For the purposes of letter-writing the leaves of some trees were early used, while the inner bark of the Linden tree was in such common demand for this purpose that it has given the word for a book to two languages. But one of the most convenient materials for letter-writing were tablets covered with a thin coating of wax, upon which it was easy to write with a pointed needle called a stylus.

Red Cross Ball Blue gives double value for your money, goes twice as far as any other. Ask your grocer.

Beginning Afresh.

"Each morning is a fresh beginning. We are, as it were, just beginning life in a sense there is no past, no future. Wise is he who takes today and lives it, and tomorrow when it comes—but not before it comes. The past is of value only by way of the lessons it has brought us. There should be no regrets or crippled energies that result from such. We have stumbled—all have stumbled."—Ralph Waldo Trine in Harper's Bazaar.

TO CURE A COLD IN ONE DAY.

Take LAXATIVE BROMO Quinine Tablets. Druggists refund money if it fails to cure. E. W. GROVE'S signature is on each box, 25c.

Furniture New to Mary.

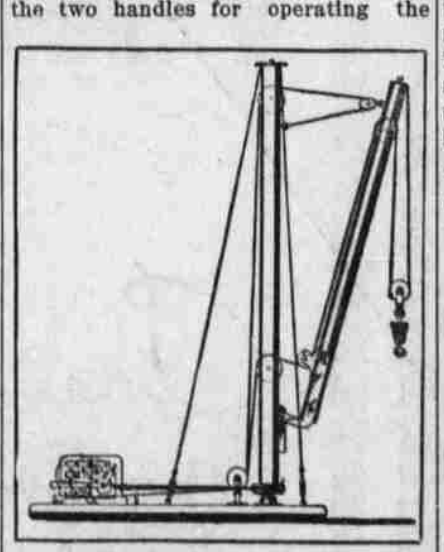
A lady out shopping ordered an umbrella stand sent home for her vest-bule, and only reached home late in the evening, where she had left her new maid in charge. "Well, Mary," she said, "did any packages come?" "Yes, mum," was the reply. "The wagon cum wid th' cuspidors for th' umbrellas."

TO OPERATE A TOY DERRICK

Object of invention of New York Man is to Provide Mechanism for Handling Small Loads.

The Scientific American in describing an invention of A. Pfeiffer of New York city says:

"In this case the aim of the inventor is to provide a new and improved mechanism for operating toy derricks arranged to raise, lower or swing small loads by the use of a motor driven mechanism easily controlled by children, affording considerable amusement and at the same time providing an instructive toy. A boy or other child can readily control the motor by manipulating the reversing lever thereof, and also readily control the two handles for operating the



Operating a Toy Derrick.

derrick with a view to raise or lower the load, to swing the boom up or down or sidewise on turning the post. A side elevation of the invention is shown in the illustration.

Simple Card Trick.

The most simple card trick and one for which neither sleight of hand nor practice is necessary is performed as follows:

Place three picture cards—either kings, queens, or knaves—in a row and tell the company that during your absence from the room they can reverse any card they choose, and that on your return you will name the card which they have reversed. You have only to notice that the white margin of the cards is narrower on one side than on the other and to place all the narrow or all the broad ends either toward or from you, and on re-entering the room you can see in an instant which card has been turned.

Ethel's Climax.

Little Ethel had been brought up with a firm hand and was always taught to report misdeeds promptly. One afternoon she came sobbing pentily to her mother.

"Mother, I—I broke a brick in the fireplace."

"Well, it might be worse. But how on earth did you do it, Ethel?"

"I pounded it with your watch."—Harper's Bazaar.

"Isn't it funny"

the difference it makes in your general health and happiness when the Stomach is right, Liver active and Bowels regular? If you have any trouble with these organs

HOSTETTER'S STOMACH BITTERS

will overcome it quickly. Try a bottle today. It is for Sour Stomach, Heartburn, Indigestion, Costiveness, Colds, Grippe, Malaria, Fever and Ague.

Hundreds of Centuries Old.

What is believed to be the earliest human skull yet found in England has been unearthed in a Sussex gravel pit. It is judged to belong to the pleistocene period, and to be quite as old as any human remains yet found in Europe. The skull is said to have evidently belonged to an exceedingly primitive type of human being and to have enclosed a brain with marked differences from that of any living race.

Be thrifty on little things like billing. Don't accept water for billing. Ask for Red Cross Ball Blue, the extra good value blue.

Simplify Life.

"I do believe in simplicity. It is astonishing as well as sad, how many rival affairs even the wisest man hinks he must attend to in a day; how singular an affair he thinks he must omit. When the mathematician would solve a difficult problem he first tries the equation of all incumbrances and reduces it to its simplest terms. So simplify the problem of life, distinguish the necessary and the real.—From Thoreau 'Let

PILES CURED IN 6 TO 14 DAYS

Your druggist will refund money if PAZO OINTMENT fails to cure any case of Itching, Blind, Bleeding or Protruding Piles in 6 to 14 days. 50c.

Believes Hens Once Had Teeth.

That hens had teeth in the olden days is the opinion of Professor Gilbert of Los Angeles (Cal.) high school. In a recent address before a local organization of naturalists he also told his auditors that the eggs of birds have greatly decreased in size since their teeth became extinct. Had they been marketed then as they are now, he considered, they would, at the present scale of egg prices, bring from \$250 to \$1,000 each.

Small Boy Again.

"Bobby, do you see that bright star overhead, at the top of the big cross?"

"Well, that's Deneb. It's nearly three quadrillions of miles away." "Huh! Then how do you know its name is Deneb?"

CRESCENT BAKING POWDER

Nothing Better

How to Hang Pictures.

Cut a groove in the end of a curtain pole, place the end of the picture wire in it, and hoist it up to the nail or hook from which it is to hang. This saves climbing up and down, and also allows one to see more clearly how the picture is going to look.

"DEAD SHOT"

DR. PEERY'S VERMIFUGE FOR WORMS

ROMAN EYE BALSAM FOR Inflamed Eyelids

Prepared by **WRIGHT'S INDIAN VEGETABLE PILL CO. NEW YORK**

Plain, Like the Squire.

"I hear you have got a new baby, Wiggins," said the squire to his gardener. "What are you going to call him? Not some high-flown name that will make him ridiculous in after life, I hope?"

"Oh, no, sir," replied Wiggins. "It's not a liberty, sir, we thought of calling him plain James—after you, sir."

KOW-KURE

50¢ and \$1.00 Sizes.

POULTRY

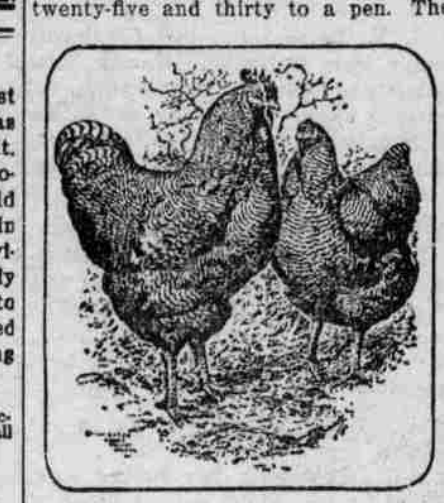


HARM IN CROWDING THE HEN

Results Given of Interesting Experiments Made at Maine Station—Must Have Room.

The Maine experiment station recently finished a test to ascertain the number of hens most profitable to keep in pens. All the pens were 10 by 16 feet, giving 160 square feet. The hens were Brahmas and Plymouth Rocks, and these tests continued six months.

The hens were fifteen, twenty, twenty-five and thirty to a pen. The



Barred Plymouth Rocks.

conditions and hens were as much alike as possible to make the test a conclusive one.

The pen with fifteen hens made a profit of 80 cents per hen, and the eggs laid numbered 976.

The pen with twenty hens made a showing of 1,208 eggs for the pen and a profit of 71 cents per hen.

The pen with twenty-five hens made a laying record of 1,323 eggs and a profit of 35 cents per hen.

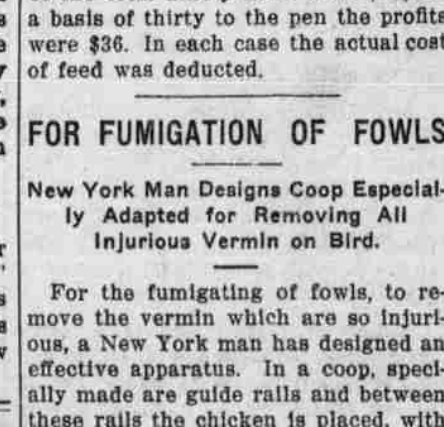
The pen with thirty hens had an egg production of 1,200 and a profit of 80 cents per hen.

The experiment shows distinctly that hens can be so crowded as to reduce the profit of an egg farm. The difference of twenty-five eggs per hen for six months is great. On the basis of fifteen to the pen the profits of the total ninety hens were \$72, on a basis of thirty to the pen the profits were \$36. In each case the actual cost of feed was deducted.

FOR FUMIGATION OF FOWLS

New York Man Designs Coop Especially Adapted for Removing All Injurious Vermin on Bird.

For the fumigation of fowls, to remove the vermin which are so injurious, a New York man has designed an effective apparatus. In a coop, specially made are guide rails and between these rails the chicken is placed, with its wings spread out over bars that



Fowl Fumigator.

Keeping Eggs Fresh.

In Germany eggs are kept fresh for any length of time by simply immersing them in a ten per cent solution of silicate of soda, commonly called "liquid glass." This produces the formation of a coating which renders the eggs perfectly air-tight. The eggs so treated retain their fresh taste for many months. The best proof of the efficacy of this treatment has been furnished by the fact that such eggs, after having been kept for a whole year, were hatched and the chickens were strong and healthy. The preserving solution is best prepared by dissolving one pound of liquid glass in four quarts of cold water. The eggs are then immersed in this solution, which should be kept in a glazed earthenware vessel, and the eggs are kept in the solution for a short time. If one of these preserved eggs is to be boiled, the shell must be first perforated to prevent cracking.

Discarding the Mongrel.

Mongrel fowls should not be kept for egg production because the eggs will be uniform in neither color nor size. This factor of itself is of enough importance to induce one to select a pure breed, even though the mongrel might possibly lay as well as the pure breed fowl, but this is very doubtful.

Improving the Flock.

The welfare of the flock is in no way improved by irregular and indifferent breeding. Regularity is to the liking of the business man as well as of the business man.

FOR FUMIGATION OF FOWLS

New York Man Designs Coop Especially Adapted for Removing All Injurious Vermin on Bird.



Have You Seen the Coupon Now in Liggett & Myers Duke's Mixture

Liggett & Myers Duke's Mixture makes a great pipe smoke—and rolled into a cigarette nothing can beat it.

It is the favorite smoke of thousands of men who want selected, pure, Virginia and North Carolina bright-leaf tobacco.

If you have not smoked Duke's Mixture, made by Liggett & Myers at Durham, N. C.—try it at once.

Each sack contains one and a half ounces of tobacco that is equal to any 5c granulated tobacco made—and with each sack you get a book of cigarette papers FREE and

A Coupon That is a Dandy.

These coupons are good for many valuable presents—such as watches, cameras, jewelry, furniture, razors, china, etc.

As a special offer, during February and March only, we will send you our illustrated catalog of presents FREE. Just send us your name and address on a postal.

Coupons from Duke's Mixture may be exchanged with tags from HORSE SHOE, J. T. TIMSEY'S NATURAL LEAF, GRANGER TWIST, coupons from FOUR ROSES (extra double coupon), PICK PLUG CUT, FIED, MONT CIGARETTES, CLIX CIGARETTES, and other tags or coupons issued by us.

Premium Dept.
Liggett & Myers Tobacco Co.
ST. LOUIS, MO.

Duke's Mixture



Varieties of Sharks.

The many varieties of the shark are divided into the littoral, the pelagic and the bathyral, according as they are found near the shore, or in mid-ocean, or at great depths. Besides those mentioned there are the liver, the hound, the shovel-nose, the tiger, the hammer-heads, the porbeagles, the fox or thresher, and the banking shark, sometimes, though wrongly, called the sunfish.

Abraham Lincoln's Pica.

Both read the same Bible and pray to the same God; and each invokes his aid against the other. Let us judge not that we be not judged.—Abraham Lincoln.

Judge's Rebuke.

This incident of a judge's rebuke is related in the case of a lawyer of the aggressive and belligerent class. When the latter concluded a speech of great length, delivered in a particularly loud voice, the judge quietly remarked that he had a few observations to make to the jury "now that the uproar in court had subsided."

That Terrible Habit of Work.

Pat—"Say, Denny, phwat wud yez do if yez had all the money yez wanted?"

Denny—"O'd be after goin' to me wur-kr in an automobile instead of a trolley car."—Boston Transcript.

"DIDN'T HURT A BIT"

is what they all say of our **Painless Methods of Extracting Teeth.**

Out-of-town people can have their plate and bridge-work finished in one day if necessary.

An absolute guarantee, backed by 21 years in practice.

Wise Dental Co.

OFFICE HOURS: 8 A. M. to 8 P. M. Sundays 9 to 1
Phones: A 2029; Main 2029.
Falling Bldg., Third and Washington, Portland

FARMER'S WIFE ALMOST AWRECK

Restored to Health by Lydia E. Pinkham's Vegetable Compound—Her Own Story.

Westwood, Md.—"I am a farmer's wife and do most of my own work when I am able. I had nervous spells, female weakness and terrible bearing down pains every month. I also suffered much with my right side. The pain started in my back and extended around my right side, and the doctor told me it was organic inflammation. I was sick every three weeks and had to stay in bed from two to four days.

"It is with great pleasure I tell you what Lydia E. Pinkham's Vegetable Compound has done for me. I have followed your directions as near as possible, and feel much better than I have felt for years. When I wrote you before I was almost a wreck. You can publish this letter if you like. It may help to strengthen the faith of some poor suffering woman."—Mrs. JOHN F. RICHARDS, Westwood, Maryland.

Women who suffer from those distressing ills peculiar to their sex should not doubt the ability of Lydia E. Pinkham's Vegetable Compound to restore their health.

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.

PISO'S REMEDY

FOR COUGHS AND COLDS

THE CHINESE DOCTOR

Lots and lots of powerful and poisonous drugs taken internally may seemingly help the ailments for which they were intended, but may be very injurious in some other way.

Nothing that I can react on the patient and cause any complications. The vegetable kingdom furnishes my remedies in the form of Root, Herb, Bark and Buds. These are gathered from every quarter of the world and administered according to formulas that have been kept a profound secret within the families of the Chinese doctors. Unfailing cures are the result of these remedies. My consultations are free. Out-of-town patients may send four cents in stamps and receive a consultation blank and circular. I can diagnose your case that way.

The C. Gee Wo Chinese Medicine Co.

1624 First St., Cor. Morrison
PORTLAND, OR.
Kindly mention this paper.

C. Gee Wo

Is Daily Demonstrating His Ability to Cure the Various Ailments That Come to Him for Treatment.

C. Gee Wo

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