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Should have a copy of my new booklet, "Neurology—the Way to Health."
It tells of the wonderful cures that have been made and how to get well. Write for it today to Dr. HARVEY W. FREEZE, Merchants Trust Bldg., Portland, Oregon.

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COFFEE, TEA, SPICES, BAKING POWDER, EXTRACTS, JUST RIGHT FOR THE HOME, CLOSET & DEVER'S, PORTLAND, ORE.

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GIVES TO ANY "BELLE"
Bismarck Frank Drug Co.
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The Dawn of Scientific Knowledge
Learn a Profession where the demand is greater than the supply.
Honorable, Dignified, Lucrative
Write for literature and information. It will be to your advantage.
Invalids and others needing skilled treatment, write for particulars.
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Whittemore's Shoe Polishes
Finest in Quality. Largest in Variety.
They meet every requirement for cleaning and polishing shoes of all kinds and colors.

Whittemore's Shoe Polishes
An Irishman just from the sod was eating some old cheese, when he found, to his dismay, that it contained living inhabitants. "Be jabers," said he, "does your cheese live in this country have children?"
You may have a Headache, Toothache, Stomachache, Earache, not serious enough for the doctor, so you suffer. Hamlin's Wizard Oil stops these pains quickly.
Bridge Perfectly Adjusted.
In the Fort bridge there is a horizontal pull of 10,000 tons on the chief spans, and a weight of 100,000 tons on their bases. Half a dozen ironclads might be hung upon them without causing any undue strain.
GILT EDGE the only ladies shoe dressing that positively contains Oil, Blacks and Polishes ladies' and children's boots and shoes, shines without rubbing, 25c. "French Gloss," 10c. "DANIEL" combination for cleaning and polishing all kinds of shoes, 25c. "Star" size, 10c. ELITE combination for gentlemen who take pride in having their shoes look A-1. Restores color and lustre to all black shoes. Polish with a brush or cloth, 25c.
BABY ELITE size 10c.
If your dealer does not keep the kind you want, send us his address and the price in stamps for a full size package.
WHITTEMORE BROS. & CO.,
20-22 Albany St., Cambridge, Mass.
The Oldest and Largest Manufacturers of Shoe Polishes in the World.

COME TO PORTLAND AND BE CURED IN FIVE DAYS
VARIKOSE VEINS, HERNIA, BLOOD POISON
No severe operations, many cases permanently cured in one treatment. Most time-saving, most natural, most safe. A radical and permanent cure. I give my word and will write you to other medical authorities that this is a fact. I am certain prepared to cure by experience and equipment, which are the key-stones to success. I have the best equipped medical office on the coast. I will give \$500 to any charity as guarantee that every statement in this announcement is true. I invite you to come to my office. I will explain to you the treatment for Varicose Veins, Hernia, Nervous Debility, Blood Poison, Piles, Fistula, Bladder, Kidney, Prostate and all Men's Ailments and give you FREE a physical examination. If necessary a microscopic and chemical analysis of secretions. To determine pathological and bacteriological conditions. Every man should take advantage of this opportunity to learn their true condition. A permanent cure is what you want. A permanent cure is what I give.
WRITTEN GUARANTEE—My written guarantee is a cure or money. I guarantee to cure certain ailments or refund every dollar you have paid. My services cost you nothing unless I cure your Varicose Veins, Hernia, Piles, Fistula, Blood Poison, or any ailment I guarantee to cure. Terms are reasonable and no more than you are able and willing to pay for benefits. Office hours—9 A. M. to 6 P. M. Sundays, 10 A. M. to 1 P. M.
"800" FOR BLOOD POISON—I use Professor Ehrlich's wonderful new discovery, "606" in cases of Specific Blood Poison. It cures in one treatment and is the greatest marvel of medical science. This new remedy has been successfully used in thousands of cases. Let me explain it to you.
DR. A. G. SMITH
324 MORRISON ST., COR. RECORD
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INTEREST IN NEW METHODS GROWING
Remarkable Success Here Attracting Attention.

Prof. James Munyon, the health expert, had a strenuous time yesterday. People seemed to flock to him on account of his remarkable success, and it was a difficult matter to get within speaking distance of him. Several persons expressed themselves forcibly in explaining the reasons for their belief of the man. One young woman, who is very prominent in the city, said:
"I have been suffering for years with a combination of stomach troubles, catarrh and other troubles, with general debility. I could hardly do anything at times on account of the pain in my stomach, side and chest. I had a dull gnawing pain in the pit of my stomach, palpitation of the heart, and a feeling of weakness that I could not understand. Headaches most of the time, with extreme nervousness, made it so that I could not eat, and what little food that I did eat I did not seem to get any strength from. Very often I would have to get up at night for something to eat in order to stop the hungry feeling that would come over me."
"Munyon's treatments had been suggested to me, but I laughed at the idea that they could do me any good, as I had tried so many doctors and remedies without relief. I was tired, nervous and worn out all the time. Nothing I could do made me feel any better."
"I had little hopes that his new treatment could help me, but when I heard what wonderful work he was doing here I decided to consult him. Now I feel like a woman made over; am regaining my weight, feel well and cheerful all the time. I was surprised at the quick results, for my improvement was almost immediate; my soreness vanished and I could eat anything I wanted to. I look and feel 10 years younger, and it is all due to Prof. Munyon's new treatment."
"This statement is one of many," said the health expert today. "I have not had one single case of dissatisfaction or poor results from my treatment in this city since opening here."
"I believe that I can do as much for others as I have done for her. My methods are simple, founded on Nature, and I have made stomach trouble a deep study for years. That explains my universal success."
"I want every man or woman suffering from rheumatism, bladder-kidney troubles or indigestion to go to the nearest drug store and get my remedies. These little pellets remove the cause of your trouble once for all. If you are not sure just what your trouble is, write a personal letter to Prof. J. M. Munyon, 53d and Jefferson Sts., and he and his expert corps of physicians will give you medical advice absolutely free. They will send you an examination blank and ask questions and give you the most painstaking examination and there is not a penny to pay nor are you under any obligation to follow their advice."

His Right to Title.
A French paper says that a New Zealand chief had just taken up his residence upon a piece of land, his right to which was contested. "I have got an undoubted title to the property," he observed, "as I ate the preceding owner."

Something New.
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DR. W. R. FREEZE'S OREGON BLOOD PURIFIER
A Tonic, Alternative and Resolvent. The best remedy for Kidneys, Liver and Bowels. Eruptions, Pimples, Eruptions and Disorders of the Skin. Purifies the Blood and gives Tone, Strength and Vigor to the entire system.

FARM AND ORCHARD
Notes and Instructions from Agricultural Colleges and Experiment Stations of Oregon and Washington, Specially Suitable to Pacific Coast Conditions

TO ADD TO POULTRY PROFITS.
Interesting Experiment in Fattening Fowl on Stubble Field.

Oregon Agricultural College, Corvallis—Believing that Oregon farmers can add materially to their poultry profits by keeping the birds pastured awhile on the waste grain of the stubble fields, Prof. James Dryden, of the Oregon Agricultural College, has inaugurated an interesting experiment near Moro.
In a colony of ten white canvas tents he has housed 500 white Plymouth Rocks, and will keep them there six weeks, keeping accurate record of the weights and gains made. Movable fences are used, and the tents are on frame at the bottom, on runners, so that they can be moved readily as fast as the chickens clean up the waste grain on one part of the field and need new foraging ground.
"The point is to determine how much poultry flesh we can make from the waste grain on a given area with a given number of birds in any certain space of time, at the least expense," said Prof. Dryden, discussing the experiment. "In going through the Portland markets I was struck with the poor quality of the chickens sent in there by the farmers of the state. They were so largely bone, with very little meat on them. I believe that they could be kept a little longer, to good advantage financially, if the farmers would put them out on the stubble fields, where there are always quantities of waste grain to be picked up. I am sure there could be added a pound or two apiece to the weight of each bird, in good, solid flesh, bringing a much better price, and that with almost no financial outlay. We are feeding nothing but a little animal food—beef scrap from the slaughter houses—and this would not be necessary if there were grasshoppers and other bugs in the fields."

PINK EGGS AND CHICKENS.
Agricultural College Feeds Dye to Poultry at State Fair.

Salem, Or.—An exhibit at the Fair that is attracting great attention is that of "sky-blue-pink" chickens, and eggs with red yolks and pink whites—both perfectly sound and wholesome—shown by the poultry department of the Oregon Agricultural College. Dyes of coal-tar product, are fed the birds one day, and the next day the eggs and birds show a gay difference, illustrating vividly the immediate effect the quality of food has on the eggs, the flesh, and even the feathers and toe-nails of the fowls.

EXPERIMENT STATION NOTES
By R. W. Thatcher, Director Washington Experiment Station, Pullman.

Pork may be pickled by using for each eighty pounds of meat, one pound of salt, four pounds of sugar, one quart of molasses, and three ounces of saltpetre. The meat is well rubbed with salt and left in a pickle barrel for fifteen days, draining off the fluid from time to time.

A second method is to use one bushel of fine salt, two pounds of brown sugar, and one pound of saltpetre, which would be enough for eight hundred pounds of meat. The sugar improves the flavor of the meat, and the saltpetre makes the pork firmer. After a few days a little more of the salt mixture may be applied, rubbing it in if absorption is going slowly. All cut ends of bone must be thoroughly salted in, as decomposition is most likely to occur in such places. This method may be used where hams, shoulders, and bacon sides are packed together in the same barrel, the hams being packed at the top of the barrel to prevent them from becoming too salty. Re-salting should take place within ten days or two weeks according to the weather. After four to six weeks the meat may be unpacked, washed, and smoked, or the salt may be left on the meat during the process of smoking. Before hanging in the smoke house the meat may be sprinkled with black pepper or a mixture of black and red pepper. A molasses barrel is better than a whiskey barrel, but if a whiskey barrel is used, the interior should be charred first. This will remove the flavor of the whiskey.

Alfalfa makes an excellent pasture for hogs, and we have never found any injurious effects in pasturing our brood sows on it. Alfalfa will stand pasturing after it has become well established, but should not be pastured until it is at least a year old. Some grain should be fed to hogs that are on alfalfa, barley or wheat usually, in this Western country.

When it comes to feeding cows, on account of the high protein content of alfalfa hay, it would not be well to use oil meal and bran, unless these

The Last Luxury.
Ten-year-old Arthur had been telling impressively of the number of servants employed in his home. He continued: "And our house is fixed so that if you want a drink, or a window raised, or to go upstairs, or anything, all you have to do is to pull a chain!" "But what do you want with so many servants in that sort of a house?" asked one of his hearers. "O," replied Arthur, "we have the servants to pull the chains."

feeding stuffs can be secured cheaply. We use rolled barley alone and would feed about seven or eight pounds per day per head. It must be remembered, however, that we cannot give specific rules for the feeding of dairy cows, for a ration that is satisfactory for one might not be satisfactory for another. The best thing to do would be to make a trial of the ration suggested, and watch the effects on each cow, varying it where necessary.

Young trees should not be permitted to go into winter in a soft and succulent condition. Cracking of the bark at the ground, in the spring, frequently happens where trees are not properly hardened in the fall, or where the ground is wet on the surface during the first freeze of the real cold weather. About the only thing that can be done is to bank them up with earth, providing the bark has not loosened entirely around the stem of the tree, and permit them to heal in. It is only occasionally that a tree dies from these results, and usually it does not happen after the second or third winter of the orchard. Very frequently fruit trees are frozen so solidly during the winter that they split their bark, serious injury resulting. In such cases, trim off the ragged edges of the bark, and paint the wound over, permitting it to heal over naturally during the summer. If this splitting continues it will kill the tree.

The record cow for butter fat is the Holstein, and although the Holsteins as a rule give a large flow of milk, we find that the percentage of fat is generally low. This does not mean, however, that the Holstein cow is the most economical producer of milk and fat. While in some cases we know that they will produce more economically than the Jersey, we also find many Jerseys that will produce higher butter fat much more economically than the Holsteins. The type of cow that one should keep on the farm will depend on various conditions, and while the Holstein cow may be the best in one case, the Jersey will prove better in another.

In mild climates, where the winters are not severe, the Jersey will do very well. The Holstein is of course a much larger cow and is able to withstand severe winters.

By orchardists it is generally considered to be a poor plan to run hogs in an orchard, as they are likely to injure the trees. However, if it is decided to handle them in this way, they should also be fed ground barley, or wheat, or middlings, depending on the market price. For producing gains, barley is almost equal to wheat, pound for pound, and produces a most excellent quality of pork. For young pigs, middlings will give somewhat better results than the others. Where grain is being used without pasture, it will require about five hundred pounds to produce one hundred pounds of gain. Knowing the values, one can estimate whether or not it will be safe to raise hogs under given market conditions. Pork can be produced much more cheaply where pasture can be used in conjunction with the grain.

The best method of preserving butter, and the method that is used almost exclusively is by chilling it to a freezing point or below and keeping it until ready to use in that condition. This is the way they store all storage butter, but on the farm very good results have been obtained by keeping it in strong salt brine solution. The butter is packed in stone jars and the brine is poured over the top and left in as cool a place as possible until you are ready to use it. You will find that great care must be taken in the selection of the cream and the care of the butter in this kind of storage, but if proper methods are used in handling, the butter can be kept from four to six months in good condition.

The amount of salt necessary in butter depends largely upon the market requirements and varies from three-fourths of an ounce to an ounce and a half per pound of butter, one ounce per pound being the average. The temperature at which cream should be churned will vary according to the conditions from as low as fifty degrees in the summer time to 65 degrees in the winter. We cannot set a temperature at which you should churn. The temperature will have to be determined by experimenting and should be such as will bring the butter in small granules after about thirty to forty minutes after starting to churn.

We generally find that cows that have had their calves running with them as long as three weeks are very hard to manage so as to get a maximum amount of milk. If it is possible it would be better to wean the calf while it is only a few days old, and then by careful manipulation of the udder, there should be no trouble in having the cow let down her milk.

Aid to Husbands' Memories.
The United States government is undertaking a cure for men who forget to mail their wives' letters by installing mail boxes in street cars in Washington. If it works well in the capital, this aid to bad memories will be extended to other cities. The idea is that with a mail box staring him in the face while on his way to his office, there is no excuse for his carrying a letter in his pocket more than three or four days.—Success Magazine.



Discouraged
The expression occurs so many times in letters from sick women, "I was completely discouraged." And there is always good reason for the discouragement. Years of pain and suffering. Doctor after doctor tried in vain. Medicines doing no lasting good. It is no wonder that the woman feels discouraged.
Thousands of these weak and sick women have found health and courage regained as the result of the use of
Dr. Pierce's Favorite Prescription.
It establishes regularity, heals inflammation and ulceration, and cures weakness.
IT MAKES WEAK WOMEN STRONG AND SICK WOMEN WELL.
Refuse substitutes offered by unscrupulous druggists for this reliable remedy.
Sick women are invited to consult by letter, free. All correspondence strictly private and sacredly confidential. Write without fear and without fee to World's Dispensary, R. V. Pierce, M. D., Pres't, Buffalo, N. Y.
Dr. Pierce's Pleasant Pellets regulate and invigorate stomach, liver and bowels. Sugar-coated, tiny granules, easy to take as candy.

Cat Never in Danger.
Her love for robins nearly got Mrs. Antoinette Perkins of Hackensack, N. J., into grave trouble the other day, for the three bullets she fired from a revolver at a cat that was killing a robin on her lawn came near killing three persons. One bullet went through the wall of a neighboring house and passed close to the head of a person sitting at the dining room table. The two other bullets whistled past the heads of two boys who were passing the Perkins home. The offending cat escaped unhurt.

To Break in New Shoes.
Always shake in Allen's Foot-Ease, a powder, it cures hot, sweating, itching, swollen feet. Junes corns, ingrowing nails and bunions. All drugs and shoe stores, 25c. Do not accept any substitute. Sample mailed FREE. Address Allen S. Dimsted, Le Roy, N. Y.

Real Epochs of Life.
Real action is in silent moments. The epochs of our life are not in the visible facts of our choice of a calling, our marriage, our acquisition of an office, and the like, but in a silent thought by the wayside as we walk; in a thought which revises our entire manner of life and says: "Thus hast thou done, but it were better thus."—Emerson.

Earth's Core.
At a meeting of a scientific society at The Hague Professor Welchert asserted that his studies of the varying velocity of earthquake tremors, passing through the interior of the globe, lead to the conclusion that the earth consists of a central core of iron or steel, about 5,580 miles in diameter.

Constipation causes many serious diseases. It is thoroughly cured by Doctor Pierce's Pleasant Pellets. One a laxative, three for cathartic.

In the Sheepfold.
Regularity in feeding is of much importance. If it can be so arranged as to feed at 8 o'clock in the morning and 4 o'clock in the afternoon, it is about the best that can be done. No live stock will make better use of a few turnips or other roots, in winter, than will breeding ewes. It is advisable, too, to give them a little grain. It helps them wonderfully. If the stockmaster knows just when to expect lambs he can often save the life of a nice lamb by watchfulness and a little care at the right time in seeing that the mother takes due care of it. Possibly he may lose a few hours' sleep during the season, but when he comes to sell the lambs and put the price in his pocket, he can reflect that this lost sleep is paid for.

Pettit's Eye Salve
SMARTING SORE LIDS ACTS AT ONCE

Color in Precious Stones.
The color of gem stones, although of greatest importance commercially, is of little or no value in determining their particular identity. Certain stones show their characteristic shades of color, it is true, but it is only after various tests have been applied that color can be considered at all as evidence of value. All minerals in their pure state are pure white, and the color shown is due to mineral pigment in many cases.

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

Methods of Sabbath Counting.
While the Egyptians named the days of their week, the Jews numbered them only, the first day of the week being always the day after the weekly Sabbath. Fifteen different methods of Sabbath counting are known to have existed during the last four thousand years, including every day of the week, weeks of different and varying length, from six to ten days, and months of various and varying length.

Utilize Every Moment.
Know the true value of time; snatch, seize, and enjoy every moment of it. No idleness, no laziness, no procrastination: Never put off till tomorrow what you can do today.
—Earl of Chesterfield.

The Perfect Man.
A perfect man is the one who admits his every fault and not the man who insists he has none.

When You Feel BILIOUS
you can always blame it on a lazy liver and clogged bowels. This disagreeable sick feeling can be quickly corrected by taking
HOSTETTER'S STOMACH BITTERS
It has helped thousands—will help you, too. Try it today. All druggists.

DR. COOPERS COMPOUND DANDELION PILLS
are the safest and most reliable cathartic and system cleanser. The best remedy for Torpid Liver, Biliousness and Sick Headache.
At Druggists or by Mail, 25 Cents
HOYT CHEMICAL CO. PORTLAND, OREGON

HOLMES BUSINESS COLLEGE
PORTLAND, OREGON
Includes not be found elsewhere pointing to this school as the reason for their preference.
SEND FOR FREE FIRST LESSONS

RAISE FRUIT AND BERRIES IN YOUR OWN GARDEN
You will reduce your cost of living; have fresher, better produce; add to life's enjoyment; enhance your property's value; feel better, look better, sleep better, be better. We sell trees, shrubs, bushes, vines, plants on the theory that "good plants will root and make good friends well suited."
Our large inventory, mailed free for the catalog, should be in every home.
Write for it
YAKIMA VALLEY NURSERY CO.
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(Near Rosalia, Wash.)

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The workmanship which has made W.L. Douglas shoes famous the world over is maintained in every pair.
If I could take you into my large factories at Brockton, Mass., and show you how carefully W.L. Douglas shoes are made, you would then understand why they are warranted to hold their shape, fit better and wear longer than any other make for the price.
CAUTION The genuine have W. L. Douglas name and price stamped on bottom.
If you cannot obtain W. L. Douglas shoes in your town, write for catalog. Shoes sent direct from factory to wearers, all charges prepaid. W. L. DOUGLAS, 145 State St., Brockton, Mass.
ONE PAIR of my BOYS' \$2, \$2.50 or \$3.00 SHOES will positively outwear TWO PAIRS of ordinary boys' shoes

