

PORTLAND BUSINESS DIRECTORY

F. FRIEDLANDER & CO.

Diamonds, Watches, Jewelry and Silverware. Established 1870. Largest Stock of Wrist Watches in Portland.

Best Diamond Values in the Northwest.

310 Washington St., Between 5th and 6th. PORTLAND, OREGON.

SCHOOL OF DRAMA AND EXPRESSION

Acting, Dramatic Reading, Coaching and Physical Culture. Established 1910. 400-402 Broadway and Alder. Main 2339.

Grace Adams Optometrist & Optician

515 Third and Washington. Portland, Oregon.

City Garage

FEARING & ROBERTS. Also general garage business. 36 Temple St., near Stark.

Cafeteria

BEST PLACE IN TOWN TO EAT. We especially invite out-of-town visitors to give us a trial. We will make you feel at home.

PHONOGRAPH RECORDS

Send records anywhere via Parcel Post. We have the latest and best records.

CONTROLAS & RECORDS

This Beautiful Style X Victrola and ten (double face) 20 selections of your own choice. \$98.50.

PHONOGRAPH RECORDS

Send records anywhere via Parcel Post. We have the latest and best records.

F. JOHNSON PIANO CO.

10 Sixth Street, PORTLAND, ORE. Victrolas and Records. Violins, Guitars, Ukuleles.

WORTONIA HOTEL

Central Location. Beautifully Furnished. Excellent Cafe. 11th and Stark.

HOTEL ALDER

Rooms 21 and up. Special monthly rates. Out-of-town visitors made to feel at home.

MONROE & CRISSELL

11 Front Street, Portland, Ore.

EVERYTHING FOR THE OFFICE

OFFICE FURNITURE & APPLIANCES. PRINTING - ENGRAVING - BOOKBINDING.

Yitham

515 1/2 4th Street, PORTLAND, OREGON. COMPLETE LINE OF STEEL FILING DEVICES AND SYSTEMS.

Anna's All.

In the opinion of most young ladies a hair-clip is the only legitimate excuse for a hair-clip.

Not the Cause.

Water on the brain is seldom due to a thirst for knowledge.

Optimistic Thought.

Concealing secrets is sometimes no less advantageous to a man than eloquence.

For Value Buy Our Special \$100 Diamond

It's a beautiful Stone and a profitable investment. This Stone is Headquarters for Military Wrist Watches. Write us.

JAEGER BROS., (Oregon)

121-3 5th St., (Building) Portland, Ore.

FARMERS, ATTENTION.

I have three thoroughly experienced farmers with cash money ready to buy land and implements and pay cash rent. Send particulars and I will rent your farm until it pays.

CHIROPRACTOR-DRUGLESS TREATMENT

DR. RAYMOND E. WATERS. Acute and Chronic Cases. Chiropractic is the most Scientific method of treating diseases. 324-4 Broadway Bldg., Corner 5th and Washington streets.

FARM MACHINERY

Specialists for unloading hay, stratching, feeding, driving fence posts, erecting buildings, building roads, clearing land and other purposes.

FINANCIAL MORTGAGE LOANS

See Mortgage Loans see OREGON INVESTMENT & MORTGAGE CO., 240-22 Chamber of Commerce Bldg., 4th and Stark, Portland Oregon.

HIDES, WOOLS & CASCARA BARK

W. G. GARDNER. Write us for quotations. Main Bldg., 195 Front St.

ORTHOPATHIC PHYSICIAN

DR. R. E. NORTHROP - 308 Morgan Building. Catarrh, Catarrhal deafness and Rheumatism. Nervous and chronic diseases.

OPTOMETRIST AND OPTICIAN

GLASSES AT A SAVING. Patrons subjected to no needless charges. Thousands of satisfied patrons. A trial will convince. Chas. W. Goodman, optometrist, 209 Morrison.

PAINTS AND WALL PAPER

Wholesale and Retail. Bowles Wall Paper Co., 225 Morrison St.

PHYSICAL THERAPEUTICS

DR. A. PHILLIPS, 905 Broadway Bldg. Disorders of the stomach, liver, kidneys, bowels, gout, high blood pressure and female disorders.

SANITARIUMS

MILK AND BERRY CURE. Restores the nutritional balance that one may get full food value out of the daily diet. The Moore Sanatorium. Office 268 Selling Building, Portland, Oregon.

SANITARY BEAUTY PARLORS

400 to 412 Dekum Bldg. Everything to help the appearance of woman. Largest stock of Hair Goods. Three separate steam switch made of combings \$1.50. Twenty-two inch switch or transformation to match your hair \$2.45.

SCHOOLS AND COLLEGES

EMORY BANNER COLLEGE. Wants Men and Women to learn the trade; positions waiting; send for free catalogue. Portland.

MISS DECKER'S Private Business College

Albany Bldg., 34 & Morrison St. Also: Thorne Auto & Gas Engine School, 422 Hawthorne Ave. Practical experience in overhauling and repairing every make of auto and gas engine. Oxyacetylene welding. Established 1897.

SCHOOL SUPPLIES

Northwest School Furniture Co., 244 8rd St. Everything for schools. Also chairs, desks, church furniture. Folding chairs and seats.

TALKING MACHINES

Forty to 50 per cent discount on Victor and Columbia records. New and used. Satisfaction guaranteed. 142 1/2 Second St. log. Vern J. Wenger.

VIAVI (Home Remedy)

Natural System of treatment. Free information; write or call. 422 Pittock Bldg.

POULTRY FACTS



RATIONS FOR LAYING STOCK

Pullets on Farm Should Get Large Part of Feed by Foraging if No Snow on Ground.

(Prepared by the United States Department of Agriculture.)

When there is no snow on the ground pullets on the farm ought to get a large part of their feed by foraging. Whether they can get it depends not only upon what food may be available but on whether they have been so distributed as to get the feed on the range. To find whether they require more is to observe how far they range and whether they find feed enough to keep them busy most of the time, and then to test them further by seeing how much they eat heartily in the morning, and then go foraging, and also how much they eat just before going to roost at night. Pullets that forage well and have the opportunity to get plenty of green food, worms and bugs cannot be overfed by giving them what grain they will eat up clean. Careful feeders learn just how much their flock will take, and so avoid waste while keeping the birds full fed.

Pullets in confinement should have the same ration they will have in the winter, and be liberally supplied with the vegetable feeds available at the season. Liberal use of these makes it

Hens Scratching in Litter for Grain

possible to feed grains heavily, to promote egg production, and yet keep the birds in the best of physical condition. A good war-time standard ration is:

- Mash.
- 2 parts cornmeal
- 1 part bran
- 1 part middlings
- 1 part ground oats
- 1 part meat scrap or fish meal

Scratch Feed.

- 1 part cracked corn
- 1 part heavy oats

Green Feed.

Cabbage, sprouted oats or any available green vegetable. "Another good ration with less beef scrap is as follows:

- Mash.
- 5 parts mixed feed (bran and middlings)
- 4 parts cornmeal
- 1 part beef scrap or fish meal

Scratch Feed.

- 1 part cracked corn

Green Feed.

Cabbage, sprouted oats or any available green vegetable. For a moist mash use eight parts of mixed feed instead of five. Sprouted oats are recommended as green feed, not as preferable to cabbage and other green vegetables when these can be obtained, but in order to use oats as much as possible.

SUCCESS IN RAISING PIGEONS

Good Breeding Stock is Essential and It is Best to Purchase From Reliable Breeder.

Good breeding stock is necessary to succeed in pigeon raising. It is advisable to buy pigeons from reliable breeders—those who guarantee their stock. Many failures in squab raising have been due to poor stock—old pigeons past their period of usefulness, or perhaps too many male birds. There are a great many varieties of pigeons, but only a few are used in squab raising. The Homer is generally considered the most popular variety.

SIX VARIETIES OF TURKEYS

Bronze, White Holland, Bourbon Red, Black, Narragansett and Slate Are Recognized.

The American Standard of Perfection recognizes six different varieties of domesticated turkeys as most desirable, the many others being largely mongrel, breeding from which is always uncertain as to quality of the progeny. The standard varieties are the Bronze, the White Holland, Bourbon Red, the Black, the Narragansett and the Slate.

MORRIS BROS.

MORRIS BUILDING, 309-311 Stark St.

Government and Municipal Bonds PORTLAND, ORE. Established Over Twenty-Five Years

LIBERTY BONDS BOUGHT.

Cash paid for any amount at the market price plus accrued interest. Send your bond by registered mail or through your bank.

ELWOOD WILES COMPANY. PORTLAND, ORE.

U. S. National Bank Building.

SAYS HOT WATER WASHES POISONS FROM THE LIVER

Everyone should drink hot water with phosphate in it, before breakfast.

To feel as fine as the proverbial fiddle, we must keep the liver washed clean, almost every morning, to prevent its spongelike pores from clogging with indigestible material, sour bile and poisonous toxins, says a noted physician.

If you get headaches, it's your liver. If you catch cold easily, it's your liver. If you wake up with a bad taste, furred tongue, nasty breath or stomach becomes rancid, it's your liver. Sallow skin, muddy complexion, watery eyes, all denote liver uncleanness. Your liver is the most important organ of the body. Few know its function or how to release the dammed-up body waste, bile and toxins.

Every man and woman, sick or well, should drink each morning before breakfast, a glass of hot water with a teaspoonful of limestone phosphate in it, to wash from the liver and bowels the previous day's indigestible material, the poisons, sour bile and toxins; thus cleansing, sweetening and freshening the entire alimentary canal before putting more food into the stomach.

Limestone phosphate is inexpensive; any pharmacist will sell you a quarter pound, which is sufficient for a demonstration of how hot water and limestone phosphate cleans, stimulates and freshens the liver, keeping you feeling fit day in and day out.—Adv.

"Daddy."

A teamster was heard addressing his hard working horse with "Giddap, Daddy!" and to us it occurred that "Daddy" is a mighty good name for a work-horse, most daddies being under a steady drive all the time.—Chicago Daily News.

What Saves Us.

The thing that saves us in this life is an occasional opportunity to smile at its follies.—Baltimore Sun.

We Certainly Would.

"Would you call eating lobster and cream putting down a disturbance?" queries a correspondent.

Prevents Accidental Poisoning.

To prevent poison being used in mistake for medicine an inventor has patented a bottle with the neck at one side and so formed that its contents cannot be poured out without careful manipulation.

Water Hyacinth Has Value.

The water hyacinth, which so rapidly fills up certain streams, is found to have a high value as a fertilizer. On account of the large amount of water the green plant contains the material is partially dried before sacking and after becoming well rotted it proves to have about the same composition as farmyard manure, except that it is richer in potash.

WRIGLEY'S

All Now in Pink Wrappers

To save tin foil for Uncle Sam, WRIGLEY'S is now all wrapped in pink paper and hermetically sealed in wax:

- The tangy flavor of mint
- The luscious different flavor
- The soothing flavor of peppermint

All in pink-end packages and all sealed air-tight. Be Sure to get WRIGLEY'S because The Flavor Lasts!

Laugh When People Step On Your Feet

Try this yourself then pass it along to others. It works!

Ouch! ?! ?! ?! This kind of rough talk will be heard less here in town if people troubled with corns will follow the simple advice of this Cincinnati authority, who claims that a few drops of a drug called freezone when applied to a tender, aching corn or hardened callous stops soreness at once, and soon the corn or callous dries up and lifts right off without pain.

He says freezone dries immediately and never inflames or even irritates the surrounding skin. A small bottle of freezone will cost very little at any drug store, but will positively remove every hard or soft corn or callous from one's feet. Millions of America's women will welcome this announcement since the inauguration of the high heels. If your druggist doesn't have freezone tell him to order a small bottle for you.—Adv.

Are Your Children Bored?

The children of the house should not be allowed to monopolize a guest's attention. Mothers are usually blind to their children's faults, as less loving eyes see them, and they fail to understand that a guest's apparent delight in playing with the youngsters is often no more than politeness, and in reality he is bored and very tired of "playing bear," telling fairy stories and examining their favorite toys and books.

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DRUGLESS PHYSICIAN

Rheumatism, Gout, Nerve and Stomach troubles. Dr. Anna Sorenson, 508 Panama Bldg.

Daily Thought.

Were there no Heaven nor hell I should be honest.—John Webster.