

THE CULTURE OF FLOWERS.

We take it for granted that our amateur florists have taken our advice and brought all their tender plants indoors, and such of them as cannot afford a winter garden, as shown on our fourth page, can nevertheless make home cheerful by having a little window garden, composed of all the way from one to two dozen plants. Don't by any means think that merely buying two or three dozen plants and placing them in some dark corner of an overheated room, and taking no further care of them, is making home cheerful. Not at all. Plants treated in that manner will soon become an eyesore, not only to yourself but to every one of your visitors, whilst a single plant well treated will be a beauty and joy all winter. The first best place for plants in winter outside of a winter garden, is such as we had last year, a small room on the south side of the house, connected with the living-room. In this room we built steps, and placed our plants on them. We did not give them any heat at all, except just before going to bed. We opened the door of the living-room, and placed a large log of wood in the stove, which generally kept them in heat enough all night. Our Fuchsia, Taberosa, and Geraniums bloomed nearly all winter, and long after the first heavy frost of our last year's remarkable winter. If a room of this kind cannot be spared, place them on a common table, by the south or east window in your kitchen. The steam arising there will contribute considerably towards keeping your plants in a clean and healthy condition. If a window in the kitchen cannot be spared, they must be brought in the living-room and placed before a window, as far removed from the stove as possible. Never allow the thermometer to go above 65—it is not healthy for your plants nor for yourself. Before sweeping and dusting in the morning, cover your plants with paper or any other light material. Never allow dust to settle on the leaves, as the leaves are its lungs, and unless it can breathe, it must die. At night, if a frost is expected, a paper cap (the foilsap of our younger days) will be found quite a protection if placed over each plant. Plants on the center-table are not as likely to freeze at nights as when left near the window. Do not give your plants much water in winter. Geraniums want very little, unless in bloom. On pleasant days take them outside and give a nice air bath. Lower the upper sash frequently, as often as the weather will permit, and never allow plants to stand in a draft. They catch cold and die of a species of consumption as readily as we would. Watering in winter should be done with water no less than 70 degrees, and from that as high as 120. A few drops of ammonia once in two weeks will be found beneficial. A shower-bath in pleasant weather is very much enjoyed by all plants except the Winter-begonia. Plants treated as above, will hardly ever be troubled with insects or bugs. Should any of them appear, they are easily got rid of by attending to them at once, before they obtain too deep a foothold. The Green-Fly (Aphis) is generally the result of a dry, over-heated atmosphere, and can be found at the ends of the young shoots, and on the softest and most succulent leaves. It sucks the juice so as to materially injure the plant in a very short time. They increase with wonderful rapidity. It is said in five generations one Aphis may be the progenitor of six thousand millions, and there may be ten generations in a year.

The leaves and bark of plants much infested by these insects are often completely sprinkled over with drops of sticky fluid, which, on drying, becomes dark colored and greatly disfigures the foliage.

Of all the means that have been employed for the destruction of this insect, that which has proved most efficient and the one now almost universally practiced, is fumigation with tobacco. Those who use it frequently in green-houses, procure tobacco stems, when they are ready to be had, on account of their cheapness; or a small crop of tobacco can be raised for this purpose, but tobacco in almost any form may be used, and the amount necessary for a stock of house-plants is of inconsiderable value. Some plants, such as Heliotropes, Salvia, Lantana, and some others with soft, downy foliage, will not bear ordinary fumigations without injury to the leaves, and these plants, therefore, should not be subjected to it. Many plants in full flower, but especially Delargoniums, will throw off their expanded blooms after smoking, and therefore it is best to remove these before fumigating. Care should be used also to have the foliage of all the plants dry, for if they are wet or damp, the smoke will be apt to injure such as are of a soft texture. If the plants are in a conservatory attached to the house, the time chosen for fumigating should be a still evening when there is little or no wind stirring, and the temperature of the house should be pretty well up, as then the insects are more active and the smoke will more easily affect them. A few chips or a little charcoal may be placed upon a small furnace or pan and ignited, and then a small quantity of tobacco placed upon it—the tobacco should have been previously dampened so as to prevent its burning too rapidly or blazing. See that the fire continues to burn, and add more tobacco, if enough has not been placed on at first, until the room is filled with smoke. It can be left this way all night, and in the morning the plants should be well syringed to free them of the dead insects, and to remove the odor of the tobacco. After a few

days it is best to repeat the smoking so as to destroy any insects that may have escaped the first time. In this way fumigation is to be practiced whenever necessity indicates it; but a free use of the syringe and a moist atmosphere will render the necessity of less frequent occurrence.

When only a plant or two, or a small number of them are to be treated, they can be fumigated under an inverted barrel or large box in a lock room or shed. Single plants may be fumigated by making a bell of a newspaper. The smoke can be introduced by means of a tobacco-pipe. Fill the bowl two-thirds full of quick-burning tobacco, and after lighting, place a piece of cotton cloth over the bowl, and blow the smoke through the stem, with the mouth. Instead of fumigation, a weak solution of tobacco may sometimes be used quite as effectively; this is often the more convenient way for a few plants. Soak or steep some tobacco in water until the strength is extracted. The strength of the water may be determined by dipping a leaf into it or letting it remain in it for a short time—if the leaf is brown or burned, or turns so when taken out of the water, the solution is too strong, and must be reduced by increasing the quantity of water. When the right degree of strength is acquired, dip the whole plant into the water and afterwards syringe it off with clean water. What we desire to impress most forcibly on the minds of our readers, and especially those who keep only a small number of plants in the living-room, is the better way of watching them so closely and syringing and washing them so frequently that the fly is kept under and the plants maintained in the highest state of health.

In our next we intend to have something to say how to exterminate the Thrips, Red Spider, as well as the Coccus or scale insect.

CENTENNIAL EDITION.
Samuel's Portland Directory
For 1876.

A COMPLETE AND RELIABLE INDEX OF names of the cities of Portland, East Portland and Albina, is now in press and will be issued at an early day. The census for names and the gathering of statistics will be done by the same parties who have been engaged for the work in former years, thus securing a sure method of making our information reliable in every respect. Price of Directory, \$2.50 per copy. Advertising space corresponds to the following:
L. SAMUEL, Compiler,
5 Washington-st., Portland.

'ZOUNDS,'
BEAUTIFUL
PRINTS
OF LETTERS, FRAMES,
AND POSTERS PRINTED
Lower than elsewhere in the city.

Sign of the
GEORGE H. HIMES,
PORTLAND, OREGON.
5 WASHINGTON ST.

Geo. A. Pease & Co.,
Dealers in
BOOTS & SHOES,
No. 77 First Street, Portland.

The only Retail Importing House in the State.
GREAT EASTERN CLOTHING STORE!
W. HARRIS,
DEALER IN GENTS' CUSTOM-MADE Clothing, Furnishing Goods, Hats, Caps, Boys' and Youth's Clothing, Trunks, Valises, &c. No. 15 First Street, Monaster's Block, Portland, Oregon.

ST. CHARLES HOTEL,
Corner of Front and Morrison Streets,
PORTLAND, OREGON.
C. R. PERKINS, Proprietor.
(Late of American Exchange.)

OREGON
FURNITURE MANUFACTURING CO.
MANUFACTURERS AND IMPORTERS,
Wholesale and Retail Dealers in
Furniture, Bedding, Carpets, Mirrors, Etc.,
8 W. CORNER FIRST AND YAMHILL STS.

BEDROOM SUITS
Made in Walnut, Ash, Maple, Alder, Mahogany and Spruce, made of Kim dried Lumber, by the very best Workmen and Machinery. Warranted STRONGER AND BETTER than any Imported Furniture—by the
Oregon Furniture Manufacturing Co.

ESTABLISHED IN 1860.
All Work and Goods Warranted as represented.

J. B. MILLER,
Watchmaker and Jeweler,
33 First St., Corbett's Building, Portland, O.
Importers, Manufacturers and Dealers in
Five Watches, Clocks, Jewelry, Silvers and Spectacles.
CONSTANTLY ON HAND—WATCHES OF THE MOST celebrated makers of Europe and America. Special attention paid to adjusting and repairing Chronometers and Fine Watches. Diamond setting and enameling done in the latest style.

Wild Flowers of Mt. Hood.
A NEW PERFUME.
THE MOST DELICATE AND LASTING, FAVORITE with flowers from the
BASE OF MOUNT HOOD.
Sales rapidly increasing in the principal Eastern cities.
For sale cor. Front and Alder Sts., Portland, by the proprietors.
C. H. WOODARD & CO.

THE
ESTEY ORGAN
LEADS THE WORLD.
Over 1,000 Manufactured Monthly.
Nearly 60,000 in Actual Use.
Send for Illustrated Catalogue. Agents wanted.
A. P. SMITH & Co.,
120 Front-st., Portland, Or.

Fall Styles, 1875!
P. van FRIDACH,
Dealer in
DRESS GOODS AND MILLINERY,
LADIES', MISSES' and CHILDREN'S
HATS AND BONNETS,
Ladies' and Gents' Underclothing.
New Goods by every Steamer.
79 First-st., bet. Washington and Stark.

Oregon Transfer Company.
OFFICE AND HACK STABLE,
S. W. corner of Second and Stark Streets.
UNTIL FURTHER NOTICE, OUR CAR-RINGE Rates will be as follows:
Calling, 50 cents an hour.
Hiding, \$1.00 an hour.
To or from Trains and Steamboats, 50 cents each person.
To and from Concerts, Theaters, Balls and Parties, 25 to 40 a couple.
Funerals, \$1.50 a Hack.
All orders given to the Drivers or left at the office will be promptly attended to, day or night.

NOW ARRIVING,
The most extensive stock of
BOOKS & STATIONERY
Ever imported to this market.
OUR GOODS
Are bought of
MANUFACTURERS DIRECT
And we can sell at the
Very Lowest Rates.
J. K. GILL & CO.,
Booksellers and Stationers,
75 First Street

THE "GERMAN PHARMACY"
OF WM. PFUNDER.
Ankeny's New Theater Block,
Cor. First and Ash Sts.,
Portland, Oregon.
Is "The" Drug Store where
Pure Medicines
And Rare Chemicals
Are dispensed.

The compounding of Prescriptions a specialty. Attendance competent.
A full stock of
Toilet Articles and Perfumery.
87 Polar Soda Water Fountain with choice Syrups and Mineral Waters in full operation.

C. M. WIBERG,
Dealer in
Boots & Shoes
105 Front-st., bet. Alder & Morrison,
PORTLAND, OREGON.

AGENCY
North British & Mercantile Fire Ins. Co.
ASSETS EXCEED \$15,000,000.
ED. HALL, General Agent.
89 Front Street, Portland, Or.

WHALLEY & FECHHEIMER,
Attorneys at Law,
nos Nos. 7 and 8 in Gibson's Building, corner First and Ash Streets, Portland.
A. C. GIBBS, W. E. GILBERT.
GIBBS & GILBERT,
Attorneys and Counselors at Law,
Corbett Building, 93 First St., Portland, O.
Will practice in all Courts of Record in the State, and pay particular attention to Business in the U. S. Courts.
T. L. NICKLIN, DENTIST,
WITH HATCH & THOMPSON,
No. 109 First Street, Portland, Oregon.
REMOVAL.
J. A. CHAPMAN,
PHYSICIAN, HAS REMOVED HIS OFFICE to Southwest cor. First and Morrison Sts. Residence, S. W. cor Front and Market.

READ AND SHOW YOUR NEIGHBOR!

AMERICAN WATCHES AT PRICES LOWER than any other establishment on the coast. We have special price lists which we will send to any address upon application. A full assortment of Jewelry and Silver Ware always on hand at the lowest prices. Jewelry made to order at the shortest notice. Special attention paid to repairing Watches, and Jewelry by experienced workmen. Thos. Jewellery Manufactory in Portland. "Oregon Jewellery Manufacturing Co." L. C. HENRIKSEN & CO., Proprs., No. 109 First St., Portland, Oregon.

S. G. SKIDMORE,
Druggist and Apothecary,
111 FIRST STREET,
Portland, Oregon.
Marcus M. Spaulding, Morton M. Spaulding
SPAULDING BROS.
Dealers in
FRESH MEATS of all kinds, Mess Beef and Pork, Hams, Bacon, Lard, Etc.,
Central Market, Stalls Nos. 1 & 2, Portland.
SECURE THE INVALUABLE
PURRING SCRUBBING MACHINE.
Send orders to the Sole Agents,
BRENNER & SON,
Wholesale and Retail Grocers, First and Yamhill streets, Portland.

H. SINSHEIMER,
Direct Importer and Dealer in
MUSICAL
INSTRUMENTS OF ALL KINDS.
143 First St., bet. Yamhill & Taylor, Portland, O.
S. R. -Pianos Rented, and all kinds of Musical Instruments Tuned and Repaired.
JOHN A. BECK,
WATCHMAKER & JEWELER, 100 FRONT ST., Portland, Oregon. Select assortment of Gold and Plated Jewelry, Fashionable Spectacles, and Seth Thomas' Clocks. Special attention given to repairing Watches, Clocks and Jewelry.

Wm. J. Quirk,
N. W. cor. First & Oak-sts.,
PORTLAND.
JOHN WILSON,
107 THIRD-ST., PORTLAND, DEALER in English, French and American Dry Goods. A large variety of Fresh Seasonable Dress Goods on hand and offered at very moderate prices. Samples by mail, if desired. Orders solicited and promptly filled in the most careful manner.

HARRY J. McCORMICK,
COUNTING HOUSE STATIONER,
Bookseller and Publisher,
FRANKLIN BOOK STORE,
19 First Street, Portland, O.

I. SINSHEIMER,
Manufacturer of
FINE FURNITURE.
ALL KINDS OF FINE WORK, in his line, done to order.
First Street, between Taylor and Salmon

First Class Stand.
First Class Cigars.
First Class Custom.
IRST AND ALDER.
A NEW INVENTION.

CHURNS QUICKER, EASIER & MAKES
more Butter out of the same amount of cream, than any other churn in the market.
SALEROOM,
North First Street, between B and C.



Yamhill St., bet. First and Second.
WATERBURY'S
Cards, Views, Letters, Envelopes, Stationery, and all kinds of Printing.