

IN LATE WINTER AND EARLY SPRING We seldom feel JUST RIGHT

At such a time KASPARILLA is the best and safest Blood Purifier, the most successful prescription for spring humors and such disorders of the blood as boils, pimples, pustules, blotches, sores and cutaneous eruptions. Kasparilla is admitted to be the best remedy for that lack of energy and the peculiar debility so prevalent during the close of winter and the opening of spring. For derangements of the digestive organs it is a natural corrective, operating directly upon the liver and alimentary canal, gently but persistently stimulating a healthy activity. Its beneficial influence extends, however, to every portion of the system, aiding in the processes of digestion and assimilation of food, promoting a wholesome, natural appetite, correcting sour stomach, bad breath, irregularities of the bowels, constipation and the long list of troubles directly traceable to those unwholesome conditions. Kasparilla dispels drowsiness, headache, backache and despondency due to inactivity of the liver, kidneys and digestive tract. It is a strengthening tonic of the highest value.

THE BEST SPRING MEDICINE
HOYT CHEMICAL CO. Portland, Oregon

You can't sow thistles and reap figs. If you plant Ferry's Seeds you grow exactly what you expect and in a profusion and perfection never excelled.

FERRY'S SEEDS

Fifty years of study and experience make them reliable. For sale everywhere. Ferry's 1911 Seed Annual free on request.

D. M. FERRY & CO.,
Detroit, Mich.

OREGON AND WASHINGTON

FARM LANDS

Bought and Sold

HARRY M. COURTRIGHT

Yeon Bldg., Portland, Ore.

TWO GRAND CRUISES AROUND THE WORLD

The First to leave New York November 1, 1911, and the Second from San Francisco, February 17, 1912.

By the Large Transatlantic S. S. **CLEVELAND** (17,000 TONS)
Duration: 110 Days \$650 and up, including all necessary expenses aboard and ashore.
Optional Tours of 17 DAYS IN INDIA, 14 DAYS IN JAPAN.

Send for Illustrated Booklet.
HAMBURG-AMERICAN LINE
41-45 BROADWAY, NEW YORK

Oranges in Place of Soap.
Many of the women in Florida scrub their floor with oranges. In almost any town in the orange-growing district women may be seen using them exactly as many housekeepers use soap. The acid in the oranges does the cleansing, and the boards are as white as snow after the application.

Rivers' Joke.
Rivers had just got home and was stumbling over the things in the dark hallway. "What are you growling about, dear?" called out Mrs. Rivers from the floor above. "I am growling," he answered in his deepest bass voice, "to drown the barking of my shins!"

Chance for Compromise.
Cobbie—I should like to lend you that ten dollars, old man, but I know how it would be if I did—it would end our friendship. Stone—Well, old chap, there has been a great deal of friendship between us. I think if you could make it five, we might worry along on half as much.—Life.

Time to Think.
A man who is really thoughtful of the Family Name should begin to think about it quite a while before it occurs to him to enter the name of John Doe on the police blotter.—Archson Globe.

Biliousness

"I have used your valuable Cascara and I find them perfect. Couldn't do without them. I have used them for some time for indigestion and biliousness and am now completely cured. Recommend them to everyone. Once tried, you will never be without them in the family."—Edward A. Marx, Albany, N.Y.

Pleasant, Palatable, Potent, Taste Good, Do Good. Never Sickens, Weakens or Gripes. 10c, 25c, 50c. Never sold in bulk. The genuine tablet stamped C.C.G. Guaranteed to cure or your money back.

REMEMBER
PISO'S
for COUGHS & COLDS

EXPERIMENT STATION NOTES

State Agricultural College and Experiment Station of Washington, Pullman.

(By J. L. Ashlock, Pullman, Wash.)
If there is danger of winter injury or even fall injury, the cover crop is very useful in the young orchard. Since the dates of sowing the cover crops and the best season for pruning are so near together, we do not think it makes much difference which precedes. Usually we commence to prune for summer work about the first of August and sow our cover crops about the middle. One could afford to cultivate at least once after the last irrigation and then sow the cover crop, providing there is sufficient moisture. The best way to determine when to prune is to examine the buds in the "axils" of the leaves. If they are pretty well developed,



MRS. W. C. PRICE, Aged 70.

Widow of a veteran of the Civil War, who will graduate with a class of young men and women from a Spokane business college this spring, her diploma showing her to be a competent stenographer and typist. She expects to take up a homestead in Oregon and open an office in some near-by town.

summer pruning, especially on apples and pears, may commence at once; that is, after the first of August. In the case of peaches, it is sometimes advisable to wait a little longer. It is not advisable to permit two apples to touch one another when first-class apples are desired. Ordinarily a young orchard does not need cover crops as badly as an old or bearing orchard.

A much mooted question now is whether or not there is any danger of over-production of first-class apples in the West during the next twenty-five years. So many apples are being planted which are not adapted to the section and soil, or the orchards are in the hands of inexperienced growers, or other conditions are unfavorable, all of which are reasons for believing that there will not be over-production. Less than one-third of the trees planted each year in Washington, or the entire Pacific Northwest, will ever get into full bearing. Furthermore, the increasing population and the opening up of new markets will have an influence. A first-class apple orchard on good land will be a good thing always here in the West.

The plan of going into pedigreed nursery work is an excellent one. There is a splendid opportunity for selecting and securing such wide variations in this country, and we know of nothing that offers the opportunity that the business mentioned does.

The percentage of grafts that will grow will vary from 10 per cent to 15 per cent to 95 per cent to 100 per cent, depending entirely upon the scions and roots. Good, plump scions with strong buds usually mean good results.

The Stamen Winesap, Delicious, and King David apples are splendid pollenizers for one another. They are all good bearers and make good commercial apples, but are not very well known in the commercial trade. The Delicious is rapidly becoming popular among those who know it. It is a good bearer, and ships well. The King David promises very well, but has the bad habit of water-coring seriously in sections where there is a tendency to over-ripen. The Spitzenberg, Winesap (common) and Yellow Newtown are all very high class apples at the present time.

The "green web" or "fruit worm" of the coast districts can be combatted very effectively by spraying with arsenate of lead in the spring soon after blooming time. Use arsenate of lead, or Paris green for currant worms. That is much more effective than hellebore.

To combat red spiders, use "black leaf" which is a strong preparation of tobacco. This will kill the insects. If this is not satisfactory, try kerosene emulsion. The tobacco spray is made by using one pound of tobacco leaves to four gallons of water and simmering this for an hour, then straining. Two pounds of tobacco dust or ground tobacco may be substituted for the leaves. Black leaf extract may be used, one part to 65 of water. A little lysol added to tobacco sprays greatly increases their value, and permits further dilution.

HAVE THEIR OWN SYSTEMS

Business Secrets That Seem Unimportant, but Are Guarded With Much Jealousy.

"Since I began to meet people who won't let anybody see how they do a thing because they have a secret method which they are not ready to divulge just yet I have been like a crazy woman," said the housekeeper. "There are plenty of those budding geniuses doing odd jobs about town. One of them came to our house the other day to mend a suitcase. It was an easy job. He could have taken the thing into the storeroom and mended it in half an hour, but instead of that he insisted upon taking it home. He had a secret process for doing things like that, he said, and preferred not to work where anybody else could find out how he did it."

"While my curiosity over the suitcase was still seething a woman who is quite handy at draughting patterns stirred it still more by refusing to cut out a waist pattern at my house because she has her own method of cutting that she isn't ready to advertise just yet."

"Right on the heels of that a carpet renovator was proof against all blandishments to come to the house to take spots out of a rug. He has a cleansing formula which he will not take chances on giving away by doing work outside of his own shop, so the rug went to him."

"The other day a man came around to fight water bugs. In a sense I had him at my mercy because he couldn't take the bugs home, but he did the next best thing and ordered me to stay out of the kitchen while the process of extermination was going on. Was the process dangerous? I asked. No, it wasn't dangerous, but it was a secret which he didn't wish to reveal, not even to an innocent housekeeper like me."

"And so they come and go through all the trades, every man studying out a system better than anybody else's. When all those geniuses let their ideas loose upon the world something like a revolution ought to take place."

THE KEYSTONE TO HEALTH IS HOSTETTER'S STOMACH BITTERS

"THE STOMACH IS THE MEASURE OF YOUR HEALTH."
HOSTETTER.

If there is any weakness try the Bitters at once. Its results are certain.

Prayer Unanswered.
It had been raining all day and little Mark, shut up in the house, was anxious to get out and play. His mother, in another room, thought that she heard him talking, and presently inquired to whom.

"I was talking to God, mamma," the child replied. "I asked Him to make it stop raining so I could go outdoors, but I don't think He was very p'ltie about it. He never let on that He heard me at all!"

Only a Temporary Advantage.
The gift of good looks is of such primary advantage to every man, that it seems a wonder how ugly people manage so frequently to excel those who have it in the battle of life.—Payne.

Prize Horseshoe Collection.
On the walls of the old castle at Oakham, England, is a great array of horseshoes. Every peer of the realm visiting the town of Rutland gives a horseshoe, and many of these shoes have histories.

Keeley Cure
ALCOHOL OPIUM—TOBACCO
Habit Positively Cured.
Only authorized Keeley Institute in Oregon. Write for illustrated circular.
KEELEY INSTITUTE, 71 E. 11TH ST.

W. L. DOUGLAS
ESTAB. 1876
\$2.50 \$3 \$3.50 & \$4 SHOES FOR MEN & WOMEN
W. L. Douglas shoes cost more to make than ordinary shoes, because higher grade leathers are used and selected with greater care. These are the reasons why W. L. Douglas shoes are guaranteed to hold their shape, look and fit better and wear longer than any other shoes you can buy.

BEWARE OF SUBSTITUTES.
The genuine have W. L. Douglas name and the retail price stamped on the bottom, which guarantees full value and protects the wearer against high prices and inferior shoes. REFUSE SUBSTITUTES CLAIMED TO BE "JUST AS GOOD."

If your dealer cannot supply you with the genuine W. L. Douglas shoes, write for Mail Order Catalog. Shoes sent direct from factory to wearer, all charges prepaid. W. L. Douglas, 145 Spring St., Brockton, Mass. \$2.00, \$2.50 & \$3.00

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.

Be One of the First

Our two complete 1911 Catalogs will illustrate and explain the many superior points of excellence of the complete high-grade lines of Dairy and Creamery Machinery and Supplies and Gasoline Engines which we carry. These valuable books are complete guides and are sent postpaid free of charge upon receipt of name and address. Send in your request now. State whether you wish Dairy or Creamery Catalog.

Monroe & Crisell
PORTLAND, OREGON
DAIRY MACHINERY and SUPPLIES

Dictionary's Defect.
The occupant of the fourth-floor flat was looking through the pages of the dictionary the agent was trying to sell him. "No," he said, closing the book and handing it back, "I don't want it. It's 20 years behind the times. It defines 'janitor' as the 'caretaker' of a building. He's the caretaker!"

To Mend Tablecloth.
To repair a tablecloth lay it quite flat with the hole uppermost and cover it with a piece of plain Brussels net, tack it on and darn with fine flax. When ironed it will scarcely be noticeable. It the tablecloth is beyond repair cut squares from the best part of it and hem round. These will answer as serviettes for everyday use.

Remedies are Needed

Were we perfect, which we are not, medicines would not often be needed. But since our systems have become weakened, impaired and broken down through indiscretions which have gone on from the early ages, through countless generations, remedies are needed to aid Nature in correcting our inherited and otherwise acquired weaknesses. To reach the seat of stomach weakness and consequent digestive troubles, there is nothing so good as Dr. Pierce's Golden Medical Discovery, a glyceric compound, extracted from native medicinal roots—sold for over forty years with great satisfaction to all users. For Weak Stomach, Biliousness, Liver Complaint, Pain in the Stomach after eating, Heartburn, Bad Breath, Belching of food, Chronic Diarrhea and other Intestinal Derangements, the "Discovery" is a time-proven and most efficient remedy.

The genuine has on its outside wrapper the Signature

You can't afford to accept a secret nostrum as a substitute for this non-alcoholic, medicine of known composition, not even though the urgent dealer may thereby make a little bigger profit.

Dr. Pierce's Pleasant Pellets regulate and invigorate stomach, liver and bowels. Sugar-coated, tiny granules, easy to take as candy.

Take the Game Seriously.
Girls play a strenuous game of hockey in Australia. In a recent game between the Waratah and Thistle clubs the casualties were one finger broken and another severely crushed, an eye blackened and a face irretrievably damaged, a knee bruised and shin cut so badly that the blood saturated a boot, several mouths cut and a number of shins sliced through shin pads.

Takes the Right View.
Don't go through life looking for trouble, for faults, for failures, for the crooked, the ugly and the deformed; don't see the distorted man—see the man that God made. Just make up your mind firmly at the very outset in life that you will not criticize or condemn others or find fault with their mistakes and shortcomings.—Orison Swett Marden.

RHEUMATISM

Petitt's Eye Salve RELIEVES TIRED EYES

Good Denials for Onyx.
Near Santa Catarina an American company has extensive onyx quarries. The onyx is hauled 60 miles by mule teams to the coast and shipped to San Diego, Cal., where it is polished and prepared for market. Notwithstanding the expensive method of transportation, the company is in a thriving condition and proposes to increase the output of the quarries.

SAINTLINESS UNPOPULAR.
That state of mind, which let us call the ignominy of the virtuous, is not entirely confined to boys of nine years. I have seen grown men and women, being accused of saintliness, over whose faces passed an expression of mortification. They would accept with more complacency the tribute that they were getting to be devils in their old age.—Max Eastman, in the Atlantic.

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

It's Coming to This.
With apartment houses along Riverside drive, New York, advertising "ten rooms and three baths" and "11 rooms and four baths," before long one may expect to be offered five baths and a room, or, in the Rooms for Rent column, "Nice suite of three soapy baths in cleanly neighborhood, with privilege of using fire escape for sleeping purposes."—Judge.

Kow-Kure

is not a "food"—it is a medicine, and the only medicine in the world for cows only. Made for the cow and, as its name indicates, a cow cure. Barrenness, retained afterbirth, abortion, scours, calving trouble, and all similar affections positively and quickly cured. No one who keeps cows, whether many or few, can afford to be without "Kow-Kure." It is made especially to keep cows healthy. Our book "What to Do When Your Cows Are Sick," sent free. Ask your local dealer for "Kow-Kure," or send to the manufacturers, Dairy Association Co., Lyndonville, Vt.

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