

### Sagacity of Frogs.

In the manner of disposing of them eggs many species of frogs exhibit remarkable peculiarities. A tree frog, native of Paraguay, makes its nest in a bush overhanging a pond. The lower ends of a number of leaves are drawn together and fixed in that position by a number of empty egg capsules. The eggs are also covered with a shield of empty capsules to protect them from the sun and air. When the eggs are hatched the plug at the bottom appears to fall out and the tadpoles tumble into the water.

### Pettit's Eye Salve

INFALLIBLE FOR WEAK SORE EYES

#### In February.

First Father—It must have cost you a lot to send your son to college. Second Father—It did. First Father—And what have you received in return? Second Father—My son.—Cor nell Widow.

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

#### His Great Weakness.

"You know," says a magazine story teller, "Dannhauer would gamble his last cent. That was his great weakness. He went home one evening after a bad day. He looked tired. 'Wife,' he said, 'have you got anything to eat?' 'Yes, lots of things,' the wife said. 'Well, cook up everything you've got—everything.' 'Gracious, are you that hungry?' 'I'm not hungry at all; I'm going to sell the store.'"

Hamline Wizard Oil is recommended by many physicians. It is used in many public and private hospitals. Why not keep a bottle on hand in your own home?

#### Value of Waste Paper.

It is an interesting fact that waste paper can be so important a commercial factor. In Toronto, Canada, there are 10,000 tons of waste paper collected annually. For these there is received about \$100,000. For just the ordinary waste paper the sum of \$10 a ton is paid. But for the better grade of waste papers the price has been known to run as high as \$40 a ton.

## COLDS



Munyon's Cold Remedy Relieves the head, throat and lungs almost immediately. Checks Fevers, stops Discharges of the nose, takes away all aches and pains caused by colds. It cures Grip and obdurate Coughs and prevents Pneumonia. Write Prof. Munyon, 53rd and Jefferson Sts., Phila., Pa., for medical advice absolutely free.

#### Fiber From Bananas.

An American in Tampico has discovered a method for extracting fiber from banana plants. This fiber absorbs more machine oil than cotton waste and is much cheaper.

### Particularly the Ladies.

Not only pleasant and refreshing to the taste, but gently cleansing and sweetening to the system, Syrup of Figs and Elixir of Senna is particularly adapted to ladies and children, and beneficial in all cases in which a wholesome, strengthening and effective laxative should be used. It is perfectly safe at all times and dispels colds, headaches and the pains caused by indigestion and constipation so promptly and effectively that it is the one perfect family laxative which gives satisfaction to all and is recommended by millions of families who have used it and who have personal knowledge of its excellence.

Its wonderful popularity, however, has led unscrupulous dealers to offer imitations which act unsatisfactorily. Therefore, when buying, to get its beneficial effects, always note the full name of the Company—California Fig Syrup Co.—plainly printed on the front of every package of the genuine Syrup of Figs and Elixir of Senna.

For sale by all leading druggists. Price 50 cents per bottle.

**"A Corking Good Smoke!"**

**MONUMENTAL**

FULL 5¢ WORTH

**CIGAR**

Write for Prices and Sample

**Sig. Sichel & Co.**

PORTLAND, ORE.

Wholesale Agents

### EXPERIMENT STATION NOTES.

(Washington Experiment Station, Pullman, Washington.)

To pack eggs in water glass, use water glass one part to fifteen parts of water. Pack the eggs in a jar and pour the liquid over them, covering them completely. Do not wash the eggs before packing them as this may injure the keeping qualities by removing a natural protective coating on the outside of the shells. Water glass is a somewhat alkaline liquid, but the diluted solution is not injurious to the hands if they are dipped into it in packing successive gatherings of eggs, or in removing the eggs in solution.

To kill the small wigglers which some times appear in spring water during the warm seasons of the year, try pouring kerosene over the surface of the water, allowing it to spread over the surface. This will effectively kill all the wigglers, after which the oil could be allowed to run off. This, however, would not be permanent, as the wigglers would be very apt to be found in plentiful numbers in a short time. A good plan is to clean out the spring, placing in it a vessel of some kind. The wigglers will not injure the water in any way, however, even if present.

To destroy the aphids which attack garden and ornamental plants, spray as soon as the insects appear with either kerosene emulsion or tobacco. To make the latter spray, use one pound of tobacco leaves to four gallons of water. Simmer one hour and then strain. Two pounds of tobacco dust or ground tobacco may be substituted for the leaves. To make kerosene emulsion, use two gallons of kerosene to a half pound of whale oil soap in one gallon of water. Dissolve the soap in water by boiling, and add the seeds boiling hot to the kerosene away from the fire. The mixture is then agitated violently, preferably by pumping it violently back on itself with a force pump. After four or five minutes the mixture suddenly becomes creamy in substance. Use one gallon of the emulsion to twelve gallons of water in spraying.

Cauliflower, like cabbage and other plants of this group, should be transplanted just a little deeper than they grow in the frame or seed bed. Usually we plant them from a half inch to an inch and a half deeper. This depends somewhat upon the condition of the soil. Cauliflower requires a moist atmosphere, and naturally a moist soil. If grown upon very dry soil in a dry atmosphere, the head is tough and rather strong. But when grown in the proper conditions, it is a very fine and much prized vegetable. Do not attempt to grow them in shady places. Give them all the sunshine they want, and keep the ground well tilled and moist. The leaves should be tied over the head as soon as the head begins to be exposed. Usually this is when the head is from three to four inches in diameter. This is simply for the purpose of making the head tender and keeping it wet. The only thing that can be done to keep the aphids out of the cauliflower head is to spray thoroughly with kerosene emulsion, tobacco, or pyrethrum decoction before the plants head. If the aphids get in their once, they cannot be gotten out.

Wire worms are one of the most difficult insects to combat. Many experiments have been undertaken to find something that will poison these worms, and all such tests have thus far been unsuccessful. Treating the seed and planting mustard in the fields have proven of a little benefit. It has been found, however, that fall plowing of the infested fields will mash a great number of the soft pupa, which is the resting stage of this insect. If all the wire worms would go in the pupa condition each fall they would be quickly killed out of the soil by fall plowing, but where the species exists for several years in the worm condition, fall plowing will destroy only a portion of the insects, that is, only those that have entered upon the pupa stage. Where fall plowing is persisted in year after year, the wire worms are, however, gradually worked out of the soil. As a usual thing, wire worms are the more destructive in new or sod land than in cultivated land. The natural food plant of the larvae consists largely of the roots of native grasses. When a small number of domestic plants are substituted, the worms naturally work on the roots of these for their sustenance. They are known to be destructive to almost every kind of plant.

The little black insect often found eating the strawberry plants is known as the flea beetle. There would seem to be no effective remedy for this insect when it appears on the plants during the fruiting season. Bordeaux might be applied were it not for the fact that it would cause the berries to taste bad, making them unmarketable. The common practice of cutting off the strawberry just after harvest and burning them is one that is very beneficial in getting rid of this pest.

It should be more of a common practice to spray young fruit trees, even though they seem to have no disease or insect annoyance. The green aphid is very commonly found on young trees and one of the most effective remedies for this pest is to spray with sulphur lime while the trees are in a dormant condition. A great number of eggs are thus destroyed. At the same time, this sulphur lime spray will assist in a great way toward the eradication of the canker. Red spider is another pest found on young trees as well as old, that can be treated successfully only

by this spray. One of the most effective remedies to prevent ants from climbing the fruit trees and eating the young buds is to tie a fluffy band of cotton about the trunk of the tree. Ants will very rarely go over this fluffy band.

When grasshoppers are small it is best to kill them by spraying with strong soap suds, kerosene emulsion, and the like. This will kill them by closing up their breathing pores, then suffocating them. It is also possible to poison young grasshoppers with arsenic. This is best done by using what is known as "cuddle mixture." This is simply fresh barnyard manure mixed with slop and Paris green. After the grasshoppers are more than half-grown, it is out of the question to try to kill them by spraying. They are then too lively to reach with a suffocating spray, and cannot be easily poisoned. A great deal of good can be done by coating the plants you wish to protect with a Bordeaux spray, as the copper in this leaves a metallic taste which the grasshoppers cannot stand. When spraying for grasshoppers make the Bordeaux as follows: Bluestone, 6 pounds; good lime, 4 pounds; water, 50 gallons. Dissolve the bluestone by suspending it in a sack in 25 gallons of water in a barrel. Slake the lime in another vessel, adding water slowly to make 25 gallons of lime milk. Pour the two at the same time in another vessel, allowing them to mix thoroughly as they are poured in. If there is not enough lime in the water it will burn the foliage of the plants to which it is applied. To test this, take a saucer full of the mixture and add a few drops of a solution of ferrocyanide of potash made one ounce to the half pint of water. If a brown color appears more lime must be added till no change takes place when the test is applied.

### FASHION HINTS



Anything nautical has a charm for sweet sixteen, so the successful reign of the "middy" suit is assured. In white serge or linen it is very picturesque, but for practical wear have it made in one of the shades of blue.

### A CONSUMPTION CURE.

By B. J. Kendall, M. D.

Milk strippings when taken from a healthy cow that gives very rich milk and taken in quantities of a quart twice a day immediately after milking, before it cools any, will cure a larger per cent of cases of consumption than any other treatment and will cure in half the time of any other method. Will also prevent it when taken in time. The reason why it is so successful is because it is absorbed or transfused into the circulation almost immediately without taxing the digestive organs, as all other foods do, and as the strippings or last quart of the milking from a cow that gives very rich milk is nearly all cream, the patient will take on fat so much faster than can be accomplished by any other method that they soon gain enough strength and vitality to overcome the germs causing consumption.

To get best results one should begin with a glass of strippings and increase gradually, but if there is any disgust for it created at any time the quantity should be dropped at once to one-half, and then increase gradually again. In two or three weeks they can usually take a quart in the morning and evening.

It is very important to take it immediately after milking, so as not to allow it to cool below blood heat. In cold weather it should be milked into a dish resting in warm water to prevent it from cooling any.

#### Ingenious Explanation.

Critic—Why do you say in the story of yours that "Henderson's heart beat a tattoo as Mabel entered the room," Scribby? Do you wish your readers to believe that your hero carried a drum where he should have had a heart?

Scribby—Not at all, my dear fellow. I used that expression advisedly. I meant my readers to infer that as Mabel entered the room Henderson's heart sounded a call to arms.—Harper's Weekly

## Women's Secrets

There is one man in the United States who has perhaps heard more women's secrets than any other man or woman in the country. These secrets are not secrets of guilt or shame, but the secrets of suffering, and they have been confided to Dr. R. V. Pierce in the hope and expectation of advice and help. That few of these women have been disappointed in their expectations is proved by the fact that ninety-eight per cent. of all women treated by Dr. Pierce have been absolutely and altogether cured. Such a record would be remarkable if the cases treated were numbered by hundreds only. But when that record applies to the treatment of more than half-a-million women, in a practice of over 40 years, it is phenomenal, and entitles Dr. Pierce to the gratitude accorded him by women, as the first of specialists in the treatment of women's diseases.

Every sick woman may consult Dr. Pierce by letter, absolutely without charge. All replies are mailed, sealed in perfectly plain envelopes, without any printing or advertising whatever, upon them. Write without fear as without fee, to World's Dispensary Medical Association, Dr. R. V. Pierce, Pres., Buffalo, N. Y.

### DR. PIERCE'S FAVORITE PRESCRIPTION

Makes Weak Women Strong, Sick Women Well.

For **DISTEMPER** Pink Eye, Epizootic, Shipping Fever and Catarrhal Fever

Sure cure and positive preventive, no matter how horses at any age are infected or "exposed." Liquid, given on the tongue, acts on the Blood and Glands, expels the poisonous germs from the body. Cures Distemper in Dogs and Sheep and Cholera in Poultry. Largest selling live stock remedy. Cures La Grippe among human beings and is a fine Kidney remedy. 50c and \$1 a bottle; \$5 and \$10 a dozen. Cut this out. Keep it. Show to your druggist, who will get it for you. Free Booklet, "Distemper, Causes and Cures." Special Agents wanted.

**SPOHN MEDICAL CO.,** Chemists and Bacteriologists, GOSHEN, IND., U. S. A.

### SOUNDED ITS OWN KNELL

Bell Told as the Famous Old Campanile of Montauban Fell in Ruins.

The town of Montauban, France, was proud of his bell tower. It was built by a rich citizen in the sixteenth century and named for him the belfry of Lautier, nearly 100 feet tall and 25 feet square; the great bell on its top has called the people to all the important events in the town's history.

Recently it sounded its own death note. The town began to tremble and the vibration of the top was enough to set the bell ringing, warning all those near it to escape. In a few seconds the massive tower was a heap of dust and broken stones.

While not so celebrated as the Campanile of Venice, which met the same fate a few years ago, it was as dear to Montauban, and the town mourns its destruction.

### Colonial Meeting Houses in Winter.

In winter the colonial meeting house was a cold place. It may be said that the congregation sat "shivering on the brink" of perdition, if the icy temperature of the house and the terrible doctrines of the sermon are to be taken together. Samuel Sewall notes that there was a "great coughing" in the congregation; that the sacrament bread was frozen hard as pebbles, and pieces of it rattled as they fell in the pewter plates.—Bliss's "Side Glances."

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

### The Happy Way.

There is always a best way of doing everything, if it be but to boil an egg. Manners are the happy ways of doing things; each one a stroke of genius or of love—now repeated and hardened into usage. They form at least a rich varnish, with which the routine of life is washed and its details adorned. If they are superficial, we are the dewdrops which give such a depth to the morning meadows. Manners are very communicable; men catch them from each other.

### To Break in New Shoes.

Always shake in Allen's Foot-Powder, it cures hot, sweating, aching, swollen feet. Cures corns, ingrowing nails and bunions. At all druggists and shoe stores, 25c. Don't accept any substitute. Sample mailed FREE. Address: Allen S. Olmsted, Le Roy, N. Y.

### In Optimistic Vein.

She was cheerful and always able to communicate her cheerfulness to others. During the nine years we spent in poverty and debt she was always able to reason me out of my despair and find a bright side to the clouds and make me see it. In all that time I never knew her to utter a word of regret concerning our circumstances, nor did I ever know her children to do the like. For she taught them and they drew their fortitude from her.—Mary Twain's tribute to his wife.

### THE EMPIRE LINE

Do you know that the Easy Running Empire is a leader in Cream Separators? A Catalog will tell you all about it. Fill out coupon below and send for beautiful calendar.

**EMPIRE CREAM SEPARATOR CO., Ltd.**

326 Flanders St., Portland, Or.

Name.....  
No. Cows.....  
Name of Separator.....  
Address.....

**PISO'S**

IS THE NAME OF THE BEST MEDICINE FOR COUGHS & COLDS

**WOMAN TELLS STORY OF INTENSE SUFFERING**

At the age of about 40 years, I was attacked with hemorrhage of the kidneys or bladder which continued for several years without a check. I finally took advantage of your generous offer and procured a sample bottle of Swamp-Root. Believing it helped me, I purchased a fifty-cent bottle, which convinced me that it was helping me. Three other bottles cured me. In two or three years, over-work brought my ailment back, but one bottle stopped it.

I feel as if I owe my life to you for the great blessing Dr. Kilmer's Swamp-Root has been to me. I recommend it to all human beings suffering as I was. You have my permission to publish this letter and if any person doubts it, if they will write me, enclosing stamp, I will give full particulars.

Yours very truly,  
**MRS. T. B. PHELPS,**  
Rocky, Ark.

Letter to Dr. Kilmer & Co., Binghamton, N. Y.

Personally appeared before me this 31st day of August, 1909, Mrs. T. B. Phelps, who subscribed the above statement and made oath that the same is true in substance and in fact.

L. P. PURVIS, J. P.

**Prove What Swamp-Root Will Do for You**

Send to Dr. Kilmer & Co., Binghamton, N. Y., for a sample bottle. It will convince anyone. You will also receive a booklet of valuable information, telling all about the kidneys and bladder. When writing, be sure and mention this paper. For sale at all drug stores. Price fifty-cents and one-dollar.

### A SMALL FARM

With water when the crop needs it produces more than a large ranch without.

BUY 5 OR 10 ACRES OF

**WILLAMETTE VALLEY IRRIGATED LAND**

In Marion Co. S. E. of Salem.

**HARTMAN & THOMPSON, Bankers.**

Chamber of Commerce Building, Portland, Or., Managers.

Branch Office on the Grounds at West Station.

### PILES

"I have suffered with piles for thirty years. One year ago last April I began taking Cascarets for constipation. In the course of a week I noticed the piles began to disappear and at the end of six weeks they did not trouble me at all. Cascarets have done wonders for me. I am entirely cured and feel like a new man." George Kryder, Napoleon, O.

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

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