

We Trust Doctors

If you are suffering from impure blood, thin blood, debility, nervousness, exhaustion, you should begin at once with Ayer's Sarsaparilla, the Sarsaparilla you have known all your life. Your doctor knows it, too. Ask him about it.

You must look well after the condition of your liver and bowels. Unless there is daily action of the bowels, poisonous products are absorbed, causing headache, biliousness, nausea, dyspepsia, and thus preventing the Sarsaparilla from doing its best work. Ayer's Pills are liver pills. Act gently, all vegetable. The dose is only one pill at bedtime.

Made by J. C. Ayer Co., Lowell, Mass.
 Also manufacturers of
Ayer's
 HAIR VIGOR,
 AGUE CURE,
 CHERRY PECTORAL.

Nothing to Say.

The man, who had sculptured the Egyptian sphinx was standing off and looking at his handiwork.

"But what does it mean?" inquired the bystanders.

The sculptor hesitated.
 "I—I don't know," he answered. "Consult your Baschder."

As for the sphinx, it grinned slightly but said nothing.

Just the Thing.

Sapleigh (in hat store)—I would—aw—like to get a hat.

Proprietor—What style would you prefer?

Sapleigh—I'm not particular as to the style, doncher know. I want some thing to—aw—suit me head.

Proprietor—Just step this way, please, and I'll show you our line of soft hats."

HOWARD E. BURTON—Assayer and Chemist, Leadville, Colorado. Specimen prices: Gold, Silver, Lead, \$1; Gold, Silver, Tin, 50c; Zinc or Copper, \$1. Cyanide tests. Mailing envelopes and full price list sent on application. Control and Empire work solicited. Reference: Carbonate National Bank.

SAVE THE CARTON TOPS
 and Soap Wrappers from
"20 Mule Team Borax"
 Products and exchange them for
VALUABLE PREMIUMS FREE.
 See page illustrated catalogue of 1000 articles given away FREE.
 PACIFIC COAST BORAX CO., Oakland, Cal.

IT'S FREE
"SEND FOR IT NOW"
 The Best Fruit Tree and Berry Plant Catalog in the Northwest
J. J. BUTZER
 192 Front St., Portland, Oregon

HOTEL MOORE
OPEN ALL THE YEAR
 CLATSOP BEACH SEASIDE, OREGON
 Directly on the beach overlooking the ocean. Hot salt baths and surf bathing. Recreation pier for fishing. Sun parlors. Electric lights. Fire place and steam heat. Fine walks and drives. Sea foods a specialty. Rates, \$2.50 and \$3.00 per day. \$27 Special rates by the week.
 DAN. J. MOORE, Proprietor

THE MAN WHO SWEARS BY THE FISH BRAND SLICKER
 Is the man who has tried to get the same service out of some other make
TOWER'S FISH BRAND
 Clean—Light—Durable
 Guaranteed Waterproof and Sold Everywhere at \$3.00
 ILLUSTRATED CATALOG SENT FREE FOR THE ASKING
 A. J. TOWER CO. BOSTON, U.S.A.

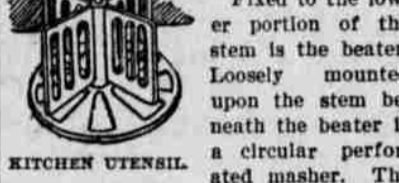
C. Gee Wo
 The well known reliable
CHINESE
 Root and Herb
DOCTOR
 Has made a life study of roots and herbs, and in this study discovered and is giving to the world his wonderful remedies.
A SURE CANCER CURE
 Just Received from Peking, China—Safe, Sure and Reliable.
IF YOU ARE AFFLICTED, DON'T DELAY.
CONSULTATION FREE
 If you cannot call, write for symptom blank and enclosure. Enclosure 4 cents in stamps.
THE C. GEE WO CHINESE MEDICINE CO.
 221 1/2 First St., Cor. Morrison, Portland, Oregon.
 Please Mention This Paper.

PNU No. 14-08
 WHEN writing to advertisers please mention this paper.



THE HOUSEHOLD

New Kitchen Utensil.
 Among recent kitchen utensils patented is a combined beater and potato masher—the invention of a Kansas man. It is equally useful for beating eggs, puddings, etc., or for mashing potatoes. In the handle is a spiral groove for rotating the beater in the usual manner.



Fixed to the lower portion of the stem is the beater. Loosely mounted upon the stem beneath the beater is a circular perforated masher. The perforations in the masher is a new idea, and adds materially in the mashing. As the potatoes are crushed they are forced up through the perforations. In this way all of the potatoes are reached by the masher, and not only those on the top, as in the ordinary masher.

Preserve Shape of Eggs.
 Do not take eggs to the table as though they were fresh from the war, no yolks whole—no, not one. A French secret for serving them will prevent the catastrophe. Stir a teaspoonful of vinegar into the boiling water into which the eggs are to be "dropped," drop them into deep water, and the yolks will come forth covered with the whites, looking like a covered yellow ball.

Rich Tea Gems.
 One-half cup butter, one-fourth cup sugar, two eggs, three-fourths cup milk, two cups flour, one-fourth level teaspoon salt, three level teaspoons baking powder. Cream the butter, add the sugar gradually, then the eggs well beaten. Beat well and add the milk, then the flour sifted with the salt and baking powder. Beat again and bake in buttered gem pans for twenty minutes.

Mustard Plaster.
 The ordinary way is to mix the mustard with water, tempering it with a little flour, but such a plaster is simply abominable. No water should be used, but mix the mustard with the white of an egg and the result will be a plaster which will draw perfectly, but will not produce a blister. The prepared mustard leaves that can now be purchased cheaply, save much time and trouble.

Cheese, Olive and Nut Salad.
 One roll cream or Neufchatel cheese, one-half cup ripe olives, stoned and cut in quarters lengthwise; one-half cup pecan meats, one head lettuce, French dressing. Mash the cheese to a paste, and if necessary add a little cream. Form into tiny balls; mix the nut meats and olives and place in lettuce cups; surround with the cheese balls and add the French dressing.

A Kitchen Blackboard.
 The most useful article in the kitchen is a child's blackboard, on which are written articles to be ordered from the butcher or grocer, as fast as they run short, also any orders for the maids if they happen to be absent temporarily. There is no danger of its being overlooked, as is the case when one depends on pencil and paper.

German Butter Dumplings.
 Three tablespoons butter beaten until creamy, quarter teaspoon salt. Add three egg yolks and about half-cup white flour and then whites of eggs beaten stiff. Put in enough more flour to form a spongy mass so that you can cut it with a spoon. Drop the dumplings in boiling soup and cook ten minutes.

Creamed Potatoes.
 Cut cold boiled potatoes into neat dice. Make a cupful of sauce by cooking together a tablespoonful of butter and one of flour and adding to them a generous cupful of milk. Put in a double boiler, add potatoes and simmer for fifteen minutes. Season well with salt and pepper and serve.

Apple Fritters or Pancakes.
 Make a batter of one egg, a quarter teaspoonful salt, one good cup milk, about three-quarters of a cupful of flour. Pare and cut apples in rounds, throw them in the batter and fry in plenty of lard. When done sprinkle sugar on top.

Pistachio Cream Ice.
 Scald one quart thin cream with one cup of sugar, set aside until ice cold, then add one tablespoonful extract of vanilla, one teaspoonful almond extract and tint with a little green vegetable coloring, which can be bought at any first-class confectionery store.

THE LIME-SULPHUR SPRAY.

Good Preventive for Apple Scab and Less Harmful Than Some.

A. B. Cordley, Entomologist, Oregon Experiment Station, Corvallis.

The serious results in the form of "Bordeaux Injury" which often follow applications of Bordeaux mixture render it almost imperative that some means be found of reducing this injury, or that some spray be discovered which may be used as a substitute for Bordeaux.

For the past two or three years I have observed, after winter spraying apple and pear trees with lime-sulphur solutions, for San Jose scale, that the fruit upon the sprayed trees was less "scabby" than that upon unsprayed trees. Upon two different occasions this winter application was delayed until the blossoms were about to open and while the spray, which was applied at the full strength, did considerable injury at the time, its decidedly beneficial effects were noticeable when the fruit was gathered. However the generally good results which follow winter applications of lime-sulphur are now well known and this part of the work requires no further comment.

Nevertheless, these observations suggested to me the probability that lime-sulphur solution might be used as a substitute for Bordeaux mixture for summer applications and during the past year I have so used it upon various plants for various purposes.

It is not proposed at this time to go at all into detail regarding these experiments—I wish only to call attention to some of the results obtained which show conclusively that lime-sulphur solutions may be used as a summer spray without injury to foliage and also point strongly to the probability that by its use apple scab may be effectually controlled without danger of spray injury to the fruit.

Sufficient work has not been done to justify the statement that lime-sulphur is equal to Bordeaux as a preventive of this disease but the results of the single season's work point so strongly to this conclusion that I feel justified in calling attention to them, that growers who have suffered loss from Bordeaux injury, and others who are interested, may make comparative tests of the two sprays the coming season.

In carrying out the work the past season it became necessary first of all to determine how strong a solution could be used without injury to the foliage. This, again, made it necessary to adopt some method of "standardizing" the spray. After considerable work we adopted what may be termed the "stock solution" method of preparing the spray and adopted as a standard for the work a "stock solution" having a specific gravity of 1.27. (For determining the specific gravity of the solution while at work in the field we have found the specific gravity hydrometer a very convenient instrument. It is cheap, simple and convenient, and we would recommend every grower who expects to use lime-sulphur as a summer spray to obtain one.)

This solution, similar to the Rex, Niagara and Phoenix lime-sulphur sprays upon the market, any of which would undoubtedly do as well, is of a clear, dark amber color, is without sediment, and as stated above had a specific gravity of 1.27. Analysis showed that each gallon contained in solution 2.38 pounds of sulphur.

During the season of 1907 these "stock solutions" of lime-sulphur were used variously diluted upon the apple, pear, peach, plum, prune, quince, cherry, grape, potatoes and celery.

The results obtained indicated that lime-sulphur sprays produced by diluting 1 gallon of the stock solution with 15 gallons of water may be safely used upon all of the above-named plants, with the exception of the peach, unless it may be early in the spring, when very slight injury was produced. For use upon the peach each gallon of solution should be diluted with at least 20 gallons of water.

For the experiments with apple scab a block of 400 Yellow Newtown trees were selected, because this variety is particularly susceptible to this disease and because this block was known to be badly infested.

The entire orchard was sprayed with lime-sulphur for San Jose scale late in February. The orchard was then divided into two plots. One plot was sprayed with Bordeaux mixture on April 20, May 8 and May 17. The other plot was sprayed on the same dates with lime-sulphur solution diluted 1-15. Unsprayed trees were left as checks in each plot.

At picking time the fruit was carefully gathered, examined and separated into three grades to show per cent of fruit absolutely free from scab, slightly scabby and badly scabbed. It was then regraded to show per cent of fruit injured by spray.

The summing of results is shown graphically in the following table. Column marked A shows per cent of fruit free from scab; B, that showing only small scab spots; C, that badly scabbed and unmarketable; D shows spray injury.

	A	B	C	D
Unsprayed	19.9	28.7	51.3	0
Bordeaux	49.1	35.4	15.5	31.9
Lime-sulphur	79.3	15.3	5.3	0

It must be remembered in interpreting these results that they represent only one season's work on one variety.

S.S.S. FOR BAD BLOOD

The most important part of the human system is the blood. Every muscle, nerve, tissue, bone and sinew is dependent on this vital fluid for nourishment and strength necessary to maintain them in health and enable each to perform the different duties nature requires. Even the heart, the very "engine" of life, receives its vigor and motive power from the blood. Since so much is dependent on this vital fluid it can very readily be seen how necessary it is to have it pure and uncontaminated if we would enjoy the blessing of good health. Bad blood is responsible for most of the ailments of mankind; when from any cause it becomes infected with impurities, humors or poisons, disease in some form is sure to follow. Muddy, sallow complexions, eruptions, pimples, etc., show that the blood is infected with unhealthy humors which have changed it from a pure, fresh stream to a sour, acrid fluid, which forces out its impurities through the pores and glands of the skin. A very common evidence of bad blood is sores or ulcers, which break out on the flesh, often from a very insignificant bruise or even scatch or abrasion. If the blood was pure and healthy the place would heal at once, but being loaded with impurities, which are discharged into the wound, irritation and inflammation are set up and the sore continues. Bad blood is also responsible for Anaemia, Boils, Malaria, etc.; the weak, polluted circulation cannot furnish the nourishment and strength required to sustain the body, and a general run-down condition of health results. S. S. S. is nature's blood purifier and tonic; made entirely of healing, cleansing roots and herbs. It goes down into the circulation and removes every particle of impurity, humor or poison that may be there, restores lost vitality, and steadily tones up the entire system. It adds to the blood the healthful properties it is in need of, and in every way assists in the cure of disease. S. S. S. neutralizes any excess of acid in the blood, making it fresh and pure, and permanently cures Eczema, Acne, Tetter, and all other skin diseases and eruptions. S. S. S. cures Rheumatism, Catarrh, Sores and Ulcers, Malaria, and all other diseases or disorders arising from bad blood. Book on the blood and any medical advice desired free to all who write.

Your S. S. S., in my opinion, is as good a medicine as can be had; it simply cannot be improved upon as a remedy to purify and enrich the blood and to invigorate and tone up the system. This spring my blood was bad and I was run down in health, and having seen your medicine highly advertised I commenced its use. Today my blood is in fine condition and my general health is of the best. Am filling position as fireman for a large concern here, and if I was not in good physical condition it would be impossible for me to fill the place. Your S. S. S. has been of great service to me and I do not hesitate to give it the credit it deserves.
 WM. F. VANDYKE.
 815 Fifth Street, Beaver Falls, Penn.

THE SWIFT SPECIFIC CO., ATLANTA, GA.

Bunkoed.
 Lazy Lewis—I wuz told dat de farmer wot lives on dat hill paid his hands jst de same whedder dey worked er not, so I went an' hired t' him.
 Tired Thomas—Den youse played off sick, I reckon?
 Lazy Lewis—Yep, an' at de end of de month I found dat he never paid nobody nothin' nohow.

Unsatisfactory.
 Homer—I have been scouring the city for a good cook.
 Knox—You couldn't have done it thoroughly.
 Homer—Why not?
 Knox—The city seems to be as dirty as ever.

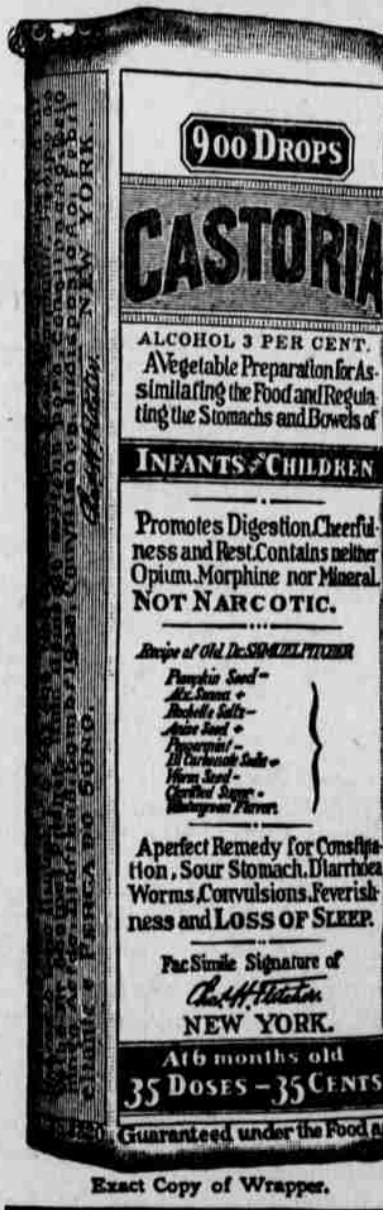
A Dark Secret.
 The shades of night were falling fast. The pride of the household was entertaining a young man in the front parlor.
 "Nettie," called the fair one's father from the library, "aren't you going to light the gas in there?"
 "In a minute, papa," replied the dear girl. "George and I were just speaking of—striking a match."

Affirmative Testimony.
 Baldwin—The doctors say there are more than fifty kinds of headache. Do you believe it?
 Rambo—I know it. I've frequently had all of 'em in one morning.—Chicago Tribune.

Sampled Things.
 Patience—Did you ever attend a cooking school?
 Patrice—Oh, yes; I've had that kind of dyspepsia, too!—Yonkers Statesman.

One of the Essentials

of the happy homes of to-day is a vast fund of information as to the best methods of promoting health and happiness and right living and knowledge of the world's best products. Products of actual excellence and reasonable claims truthfully presented and which have attained to worldwide acceptance through the approval of the Well-Informed of the World; not of individuals only, but of the many who have the happy faculty of selecting and obtaining the best the world affords. One of the products of that class, of known component parts, an Ethical remedy, approved by physicians and commended by the Well-Informed of the World as a valuable and wholesome family laxative is the well-known Syrup of Figs and Elixir of Senna. To get its beneficial effects always buy the genuine, manufactured by the California Fig Syrup Co., only, and for sale by all leading druggists.



CASTORIA
 For Infants and Children.
 The Kind You Have Always Bought Bears the Signature of
J. C. Hathorn
 is Use For Over Thirty Years
CASTORIA
 THE CENTAUR COMPANY, NEW YORK CITY.

Exact Copy of Wrapper.