

Beware of Blood-Poison.

Zam-Buk is a Sure Cure.

Mr. Jas. Davey, of 786 Ellice Avenue, Winnipeg, says:—"A few months since I was cured of a poisoned finger through the timely use of Zam-Buk."

"I cut a deep gash across the knuckle on the first finger of my right hand in opening a lobster can. I suffered at the time with the soreness and pain, but had no idea it would become a serious wound. However, in about two days I was greatly alarmed; as my whole hand and arm to the elbow became suddenly inflamed, and the finger was much discolored, showing signs of blood-poisoning. The pain was dreadful and I was forced to leave off my work and go home."

"The wound on the knuckle had been poisoned by dust and dirt getting into it. I then decided to start the Zam-Buk treatment, and having first bathed the cut, I applied the healing balm. It soothed the pain almost instantly, and by next day there was a great improvement."

"In a week's time, through perseverance with this wonderful preparation, a complete cure was brought about."

Zam-Buk is just as good for eczema, ulcers, scalp sores, abscesses, piles, ringworm, boils, varicose ulcers, running sores, cold sores, chapped hands, etc. It draws all poisonous foulness from a wound or sore and then heals. Use it, too, for cuts, burns, bruises and all skin injuries. Zam-Buk Soap should be used in conjunction to the balm for washing wounds and sore places. Excellent, too, for baby's bath.

All druggists and stores sell Zam-Buk at 50c. box and Zam-Buk Soap at 25c. tablet. Post free upon receipt of price from Zam-Buk Co., Toronto.

The Balkan War.

While the Balkan War is an event of great human interest, all the consequences of which will not work out at once, there is not likely to be a conflict of the great nations. Mr. Asquith and Sir Edward Grey, who have doubtless an understanding with the responsible ministers of the continent, are better guides as to what will happen than the press correspondents whose syndicate despatches are sent to the American papers and retailed with terrifying accent here. The sentiments of aversion to the Turk and the belief in his inability to govern justly the Christian races of Macedonia have spread from England to the continent, where Gladstone's appeal to humanity against the Bulgarian atrocities would now be heard. Europe will, therefore, be

disposed, whatever the national disadvantages at stake, to favor a great limitation of the Turkish power in Europe, if not its total exclusion.

The Turk has never earned the right to stay. His has been an alien and military occupation. He has not possessed and cultivated the soil. Nor has he increased greatly in numbers. The Turkish population of the countries now at war is only a million and a quarter. Differing radically in race and religion, assimilation of the Turk and his European subjects has been utterly impossible. In the conflict which has lasted since the middle of the fifteenth century the Christians have developed characteristics of cruelty and violence which have sometimes chilled public sympathy for their wrongs.

If the Turk is banished, the Christians may possibly, though not necessarily, pass through a period of strife before one of their States becomes supreme and a federation or new nation is established.

The old question of assured access by Russia to the Mediterranean and the world will again be raised. There is also Austria's interest in access to the Aegean Sea. That Great Britain, whose position fifty years ago was to keep Russia fenced in, now declares that the allies will be permitted to secure the fruits of their victory, indicates a more just policy and augurs a peaceful outcome.

—Toronto Weekly Sun

To Prevent Giving Of Christmas Gifts

New York, Nov. 15.—Mrs. August Belmont, Miss Anne Morgan and other prominent New York women, are among the founders of a new organization, "The Society for the Prevention of Useless Giving." The society will do its utmost to abolish the "exchange" system of Christmas giving, among those who can ill afford it. Instead of being a season of true and simple pleasure making, said Mrs. Belmont, "Christmas has come to be a serious burden to thousands of working girls. The Christmas giving custom may have originated in the mind of some kind person, but it results in trouble and hurt feelings."

Where fruits leave a stain on the teeth it should be removed at once by rubbing on a little salt.

A BOX OF SARDINES.

How to Test It and How to Tell the Kind of Fish It Holds.

Francis Marre gives the following instructions for purchasing a can of sardines:

The two sides of the can should be flat or concave. If they bulge out there is a likelihood that the can contains gases resulting from decomposition. No can should be bought that has been resoldered.

The lettering on the can should be clear and distinct.

If there is a choice between soldered cans and cans sealed by crimping, the latter should always be preferred.

If the cans are soldered select those that have bright solder, which is less likely to contain lead and less likely to be bad.

After the box of sardines is taken home the can should be opened under water. If any bubbles of gas escape the stuff should be destroyed. The kind of oil used in preparing the sardines is of no great importance. The fish used are not, however, always true "sardines."

In the true sardine the dorsal fin is forward of the ventral fins and there is no wrinkled crest on the ventral line. The skin is smooth and bluish on the back. In the herring the dorsal fin is only slightly in front of the ventral fin and there is a wrinkled ridge behind the latter. The skin is brownish on the back, with a delicate network.

In the sprat the dorsal fin is in a line with the ventrals, and the crest behind as well as in front of the ventral fins can be easily felt by passing the thumb backward from the base of the head. The flesh of the sprat is rather hard.

In the anchovy the ventral crest is absent, as in the sardines, but the dorsal fins are behind the ventrals. The "chinchard," a small variety of mackerel, may be distinguished by its grayish color and the presence of two fins on the back extending nearly the whole length of the body. The forward fin has a spiny point.—Harper's Weekly.

ODD COURTS MARTIAL.

Solemn Farces That Have Been Enacted in the British Navy.

It is a rule in the British navy that when a ship is cast away or otherwise lost a court martial must sit in order to apportion the blame. Sometimes these courts really try and condemn those that are held to be responsible. At other times their duties are, from the very nature of the catastrophe, more or less nominal.

Thus, when the *Serpent* was lost off the Spanish coast, a court martial assembled and solemnly "tried" three ordinary bluejackets, the sole survivors, although they of course had no more to do with the error in navigation which led up to the catastrophe than the man in the moon.

A similar solemn farce was enacted after the loss of the *Captain* in the bay of Biscay, when 483 officers and men lost their lives. In this case a gunner named James May, one of the eighteen who escaped from the wreck, was the nominal "culprit." The verdict was that the loss of the ship was due to instability and faulty construction. This really amounted to a vote of censure on Cowper-Coles, the designer, but as he went down with the ungainly monster he had created he was beyond the reach of either blame or praise.

On another occasion a small "middy" of thirteen years of age was put upon trial, and once, it is said, a court martial assembled on a cat, which chanced to be the sole living thing found aboard a derelict frigate.

Murger's Last Words.

In the diary of Baron d'Ambes, published as "The Intimate Memoirs of Napoleon III," is this entry for January, 1861:

"I was with Alme Millet (the sculptor), who was the last that spoke to him (Murger, the writer). And what do you think he said to Millet? 'Mind you . . . there are only three things in life—friendship, love and—' He could not finish, he was choking . . . The man fell silent awhile, then went on again, fascinated. 'Friendship—love'—I wish I knew what the third thing was."

One Universal Symbol.

"Scientists at work on a universal language have one symbol to start with that already has the same meaning the world over," a traveler said. "That is the skull and crossbones. Its speech is even more universal than music or money. Musical values differ in different countries, as does money, but from one end of the earth to the other a skull and crossbones means poison."—New York Times.

Real Merit.

Real merit of any kind cannot be long concealed. It will be discovered, and nothing can depreciate it but a man's exhibiting it himself. It may not always be rewarded as it ought, but it will always be known.—Chesterfield.

Why?

Small Brother—Mr. Sammy, are you

NOTWITHSTANDING THE ABUSE

of coffee by the cereal substitute people, coffee is still the breakfast favorite of millions of sensible people.

Seal Brand

is the finest coffee that can be procured.

CHASE & SANBORN
MONTREAL

PACKED IN ONE AND TWO POUND CANS ONLY

a baseball player? Sister's dear old Sammy. Small Brother—Then why did sis tell me you weren't so much of a catch?—Washington Times.

Woman's Part.

"What part of speech is 'woman,' pa?"

"Woman isn't a part of speech, my son. She's the whole speech."

Show us the man who never makes a mistake, and we will show you a man who never makes anything.—Wayland

HIS BAPTISM OF FIRE.

The Sensation Was Different From What He Expected.

A curious story of a Lieutenant Harford of the Ninety-ninth regiment, who served in a Zulu campaign, is told by Colonel Hamilton Browne in "A Lost Legionary in South Africa."

"He was a charming companion, one of the very best, but he was a crazy moth and beetle hunter and would run about on the hottest days with a landing net to catch butterflies and other insects. He, moreover, collected and treasured snakes, scorpions and loathsome beasts of all sorts. He had never been under fire before and had on two or three occasions talked to me about a man's feelings while undergoing his baptism of fire."

"Well, we were in rather a hot corner, and he was standing to my right rear when I heard an exclamation, and, turning round, saw him lying on the ground, having dropped his sword and revolver."

"'Good heavens, Harford,' I said, 'you are hit!'"

"'No, sir,' he replied, 'not hit, but I have caught such a beauty!'"

"And there the lunatic, in his first action and under a heavy fire, his qualms of nervousness all forgotten, had captured some microbe or other and was blowing its wings out, as unconscious of the bullets striking the rocks all round him as if he had been in his garden at home!"

A PLEA THAT WON THE JURY.

How an Eloquent Kentucky Lawyer Freed a Guilty Man.

John J. Crittenden, the eloquent Kentucky lawyer of a past generation, was once defending a murderer. Every one knew the man was guilty, but the eloquence of Crittenden saved him.

"Gentlemen," said Crittenden at the end of his great plea, "'to err is human, to forgive divine.' When God conceived the thought of man's creation he called to him three ministering virtues, who wait constantly upon the throne—justice, truth and mercy—and thus addressed them:

"'Shall we make this man?'"

"'O God, make him not,' said Justice sternly, 'for he will surely trample upon thy laws.'"

"'And Truth, what sayest thou?'"

"'O God, make him not, for none but God is perfect, and he will surely sin against thee.'"

"'And Mercy, what sayest thou?'"

"Then Mercy, dropping upon her knees and looking up through her tears, exclaimed:

"'O God, make him! I will watch over him with my care through all the dark paths he may have to tread.'"

"Then, brothers, God made man and said to him: 'O man, thou art the child of Mercy. Go and deal mercifully with all thy brothers.'"—Denver Republican.

The Carpet Cure.

Matrimony reduced the Smith household until there was nothing left of it but the old couple, neither of whom looks old enough to be in the father and mother in law class. When Bessie got married Papa Smith took possession of her room, and it has been his study, library, smoking room and grotto since then, and his condition made the life of his otherwise happy wife a burden. "Once he has his room," she complained, "John has developed a passion for disorder which would break a housekeeper's heart." "Is there a carpet on the floor?" she was asked. "No." "Is there a rug?" "No; he wouldn't have one." "Well, surprise him and have a carpet put down," was her friend's advice, and it was followed. "He was a little surprised to find it," said the woman,

"but from that day the floor has not been littered, there's more order on the desk and the place looks tidy. John doesn't know it, but he could serve as a living specimen of the carpet cure."—New York Tribune.

Birds Big Eaters.

Baby robins have been observed to eat half their own weight of beef scraps, digest all this within three hours and then be ready for another meal.

A pair of red eyed vireos were noted by a naturalist to feed their offspring over a hundred times in ten hours. Grosbeaks, sworn enemies of the Colorado potato beetle, have been seen to assimilate almost a hundred caterpillars or larvae an hour. Over 3,000 aphids have perished by the bills of the insect loving yellow throats in the same period of time.—Suburban Life Magazine.

No Chesterfield.

"Muggins has made a pile of money, and now he's trying to get into society, but the question of manners comes up. Has he got any?" queried Bolivar.

"Muggins? Manners? Well I should say not," retorted Silthurs. "Why, that man wouldn't give up his seat in a dentist's chair to a lady."—Harper's.

Impractical.

"He has a lot of good ideas, of course, but then some of them are utterly impractical."

"For instance?"

"Well, one of his schemes is to reform politics so that those who hold public offices will have to work."—Detroit Free Press.

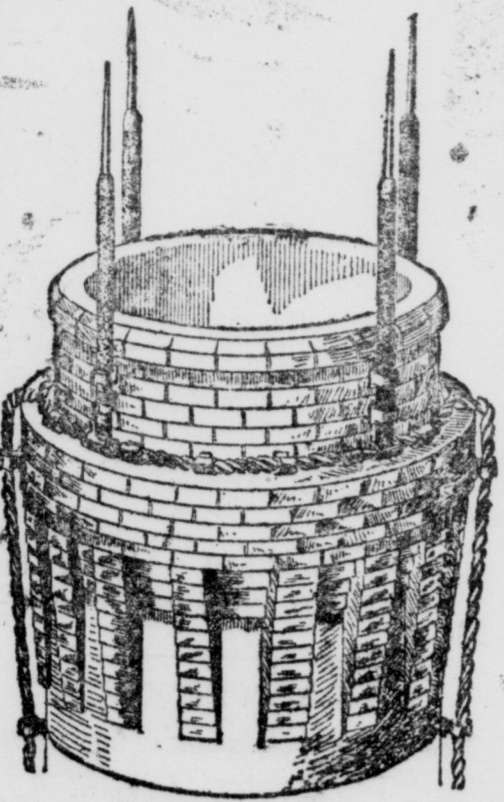
Look Beyond the Frames.

We should laugh if a man said he went to an art gallery to see the picture frames. Yet that is how many go through life and it is little wonder that they are soon tired.

Time appears long only to those who don't know how to use it.

Lightning Rod Protector.

The lightning conductor point and point rod protector herewith illustrated is the invention of Carl Bajohr of St. Louis. It was designed for the purpose of protecting the point rods from the corroding effects of gases due to combustion. Due to the nitric, sulphuric and muriatic acid fumes present in various gases of combustion light-



SCIENTIFIC AMERICAN, N.Y.

LIGHTNING ROD FOR CHIMNEYS.

ning conductor points on power plant and smelter chimneys are frequently eaten away or so badly corroded as to destroy their efficiency. To overcome this condition the lightning conductor point here illustrated has been invented, which consists of a platinum tipped point mounted on a rod which is protected by a tubular jacket of carbon.

Train Orders by Telephone.

During the last few years telephones have been installed on a number of roads in place of telegraph instruments for the transmission of dispatchers' orders. The telephone is used for the transmission of train orders on about 275 railroads, the aggregate mileage operated by these companies being 131,014 miles, and the telephone is used on 24,344 miles of road.

Ladies!

WHICH appeals to you more? A truth backed by a bond of good faith, or a mere claim?

Judge this:

REGAL Flour yields the best quality and the utmost quantity of bread per barrel of any flour in the world. Costs a bit more but you save on the quantity it bakes. Lovely loaves, white and light. Fine flaky pastry too.

Essential point:

Try one barrel. If we have not here signed our name to the truth, your dealer will return your money. Then we must pay him. And worse still, we shall lose your good opinion forever. Remember—Regal—the flour that is used exclusively by many of the best bakers in the provinces.

THE LAWRENCE FLOUR MILLS CO. Limited