

WAYS THAT CAN HARM US

There Are Five Dangerous to Human Life.

The X-ray, employed by the medical, surgical and dental professions, is one of the five rays dangerous to human life.

While it is now perfectly harmless by reason of the precautions employed in its use—a shield of glass heavily impregnated with lead is always interposed between the patient and the ray—it is nevertheless exceedingly dangerous if used without such precaution.

Many of the early scientists who used it had their flesh burnt, with the result that acute inflammation of the skin set in, followed by a cancerous condition, which, compelled, in time, the amputation of finger after finger and even of the whole hand of the unfortunate sufferer.

The second of these dangerous rays is that caused by the breaking down of radium. In theory these rays are capable of producing much the same kind of effect as the X-ray—burning the flesh and with the same ultimate results.

Radium, however, cannot operate at any great distance, and the quantity in existence in the world is so small that it would be impossible to use it in war, while the cost of it is many times greater than the most precious jewel of the same weight.

The third dangerous ray is known as the ultra-violet ray. The violet light emitted by this ray first reddens the skin, stimulates it and produces a similar effect to sunburn. But if the burn is excessive, the ill effects on the sufferer may be very serious.

One remarkable use of the ultra-violet ray is that it can act as a channel along which some other electrical ray can be conducted, in much the

same way as electricity is conducted along the telegraph or telephone wire.

The fourth dangerous ray is the ordinary heat-ray which finds a domestic use in every household in the world. Because it is so employed, people are apt to ignore the fact that it can be a source of danger.

In order to advertise their radiators, a certain firm in New York sent along one of the chief thoroughfares in the city a great truck on which one of their radiators was mounted. It had a copper reflector ten times larger than the one used for domestic heating.

The men engaged in demonstrating the apparatus moved the reflector about so as to direct the heat on to people walking up and down the street. The day selected was freezing cold, yet at a distance of from ten to fifteen feet the beam was felt to be uncomfortably hot to anyone upon whom it fell.

It is only necessary to imagine that if such a reflector were made sufficiently strong, it might be possible to set fire to any machine which came for any length of time within their radius.

The other dangerous ray is the high-frequency electrical "field." This is a magnetic "field" alternating very rapidly, to use the scientific term. It is exceedingly powerful, and is able to put out of commission certain of the working parts of a motor car.

Happily, however, science has discovered a protection against these rays as they are at present. Against the X-ray, radium-ray and the ultra-violet ray a lead shield gives protection. Against the heat ray, a metal, water-cooled shield is necessary, and against the high-frequency field a shield of copper which may be used in the form of a fine metallic gauze is sufficient.

WHEN THE NERVES ARE OUT OF GEAR

They Need New, Rich Blood to Restore Their Tone.

Men and women with nerves out of gear become irritable and fretful and are blamed for ill-temper; whereas the fault is not theirs. Their poor health is the cause. The tired, over-busy wife or mother, whose household cares have worn her out; the breadwinner whose anxiety for his family has worried him until he is thin and ill; are the nerve sufferers who become run down. Their nerves, like all bodily organs, need healthy red blood; worry tells on their digestion and their nerves are ill-fed. In such cases a course of Dr. Williams' Pink Pills is necessary, for these pills make new blood and tone up the nervous system. The patient becomes full of energy and happiness for themselves and others returns. Mrs. Wm. Hughes, Coldwater, Ont., has proved the value of Dr. Williams' Pink Pills, and does not hesitate to say so. She says: "Two years ago I suffered untold agonies with my nerves. The pains in my head and the back of my neck were unbearable. I was depressed and cranky all the time. All the rest I took and best of medical attention did me no good. I was advised to try Dr. Williams' Pink Pills and after taking them for a time felt much better. I continued their use with great benefit, and after my baby was born they were the only tonic that helped me nurse her. I found them a splendid blood enricher, and cannot recommend them too highly."

You can get these Pills from any medicine dealer, or by mail at 50 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

Highest Tramway.

The highest aerial tramway in the world, and having a total length of more than five miles, is used by a Bolivian tin mine.

Man learned how to construct ships from the fish; how to dig holes from the badger, and the frog gave him his first swimming lessons.

Palaces belonging to the pre-war nobility of Austria are for sale. The price will include the magnificent furniture and carpets these homes of grandeur contain.

THE MERCHANTS' CORNER

"How Shall I Advertise?"

There are many ways of advertising. Each has its place—each has its value. Some ways are better than others. To know which ways are best, and how to use those ways, is a problem for each individual advertiser.

Advertising is a specialized profession involving much technical knowledge. Every merchant should educate himself in a general way in advertising. He should have actual knowledge of the fundamental principles. The more he knows about these, and the technical features involved in execution, the more successful his advertising will be.

Advertising is moulding public opinion favorably. There being many ways of moulding public opinion, and few merchants being in a position to make

Hide and Seek.

The moon is blown through the silver sky.

By the wind and wandering wind: Like a girl on a swing she goes sailing by, And her laughter is left behind.

She hides herself in a web of cloud, But the wind is following fast; And he spies her there, and he calls aloud, As he catches the moon at last.

And, hand in hand, through the silver sky, Race the moon and the shouting wind: Like a lad and his lass they go leaping by, And their laughter is left behind.

—Brian Hill.

A Long Wait.

When Israel arrived at the seaside hotel, he immediately asked if there was a telegram for him, and when answered in the negative appeared much disappointed.

Half an hour later he inquired again, and receiving the same answer seemed disturbed. After tea he made further inquiry, and, on learning there was still nothing for him, said: "Well, I'm going for a blow on the sands."

Twenty minutes later he returned, and again asked if there was a telegram for him, and when told there was none, went to his room with a puzzled countenance.

When he came down dressed for dinner, the hotel clerk called him, and, waving a telegram, said:—

"Telegram for you, Mr. Israel; just came!"

Israel snatched it and impatiently tore it open and, leaning heavily against the hotel desk, clasped his hands to his forehead and exclaimed:—

"Oh, by Heaven, my house is on fire!"

Dividing It Evenly.

The case which occupied the attention of the court involved the ownership of an eight-day clock. Counsel argued to such lengths that the judge lost all patience.

Too much time has been wasted on this case already," he said, impatiently, and, turning to the plaintiff, added, "You get the clock!"

"And what do I get?" wailed the defendant.

"You get the eight days," was the stern reply.

Among the natives of British Togoland, divorce can be obtained at the wish of either party.

WE WANT CHURNING

CREAM

We supply cans and pay express charges. We pay daily by express money orders, which can be cashed anywhere without any charge.

To obtain the top price, Cream must be free from bad flavors and contain not less than 30 per cent. Butter Fat.

Bowes Company Limited, Toronto

For references—Head Office, Toronto, Bank of Montreal, or your local banker. Established for over thirty years.

Oh, is She Dumb?

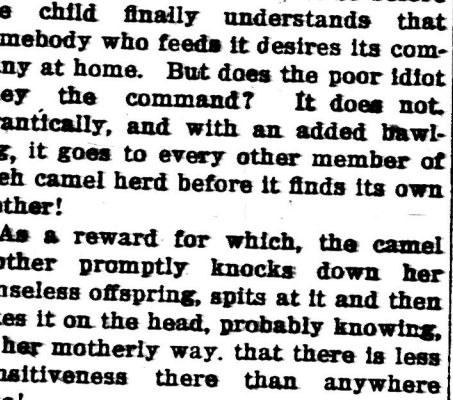
A considerable experience with animals, big and little, has convinced Mr. Courtney Ryley Cooper, author of "Lions 'n' Tigers 'n' Everything," that there is a smaller proportion of brains in the camel than in any other creature of anything like the camel's pretensions. He says on this point:

As for the baby camel—here, ladies—'s an' gents, is the prize fool of the whole animal kingdom. When Nature devised the camel, somebody carried away the brains, leaving the finished article, especially in babyhood, the most idiotic, dunce-like oaf that ever struggled about on four legs. For instance, in the course of its wanderings the baby camel may walk up to a brick wall. It doesn't know enough to go round it; it merely stands there, butting its head against the obstacle, or standing in amazement, waiting for the wall to move! When it isn't doing something like that it is getting in the way of the horses, the men, the elephants or anything else that happens to come along, not because it is obstinate, but simply because it doesn't know enough to get out of the way.

The only other thing it does is to stand and bawl. It will bawl for hours at a time, apparently taking delight in the unmusical flatness of its voice.

While this is going on the mother is hawling also for her prize numskull to come again to her side, and the concert continues for an hour or so before the child finally understands that somebody who feeds it desires its company at home. But does the poor idiot obey the command? It does not. Frantically, and with an added bawling, it goes to every other member of the camel herd before it finds its own mother!

As a reward for which, the camel mother promptly knocks down her senseless offspring, spits at it and then bites it on the head, probably knowing, in her motherly way, that there is less sensitiveness there than anywhere else!



Bargain Instinct.

"Dearest, I weigh an even 200; but if I reduce will you accept me?"

"I'll take you at 198."

Canadian National Shows Substantial Gain in Net Revenue.

Montreal, August 25.—Official figures issued here to-day show that the Canadian National Railways have made a notable advance in net revenues during the seven months period ending July 31, and that this improvement has been made in the face of decreased gross receipts.

The gross receipts were \$3,934,371 or 6.63 per cent. below the corresponding figures for 1924, but operating expenses were reduced by \$1,387,477 or 8.65 per cent., so that the net position stands at \$5,667,237, an increase of \$2,462,606 or 76.29 per cent. as compared with the first seven months of 1924 and an increase of \$4.59 per cent. over the 1923 figures.

The favorable showing that has already been achieved should be accentuated during the balance of the year as an upward movement of gross earnings is now proceeding. During the month of July, 1925, the gross increased by \$383,944 or 1.32 per cent. over July, 1924. Operating expenses were decreased by \$365,746 or 4.33 per cent. The resultant increase in net revenues for July is \$1,339,690 or 23.91 per cent. In the first three weeks of August, 1925, gross earnings have shown an increase of \$1,773,594 or 14.5 per cent. as compared with the gross earnings for the first three weeks of 1924.

Testing a Diamond.

Here is a simple test for a diamond. Make a dot with an ordinary lead pencil on a piece of white paper, then look at it through the stone. If only one dot is visible, your diamond is genuine. If the mark is blurred, or more than one dot shows, the stone is an imitation.

Cats should be kept in at night, for the protection of birds and prevention of annoyance to neighbors.

Minard's Liniment for Discomfort.

The Kind-Hearted Countryman.

A simple old countryman dwelt with his wife.

At the edge of a beautiful wood, And one of the principal joys of his life Lay in being as kind as he could.

His kindness to animal, insect and bird— I've mentioned that he was most kind— Often bordered decidedly on the absurd, As doubtless you'll presently find.

He thought the poor bees had to work overmuch In order to gather their honey, So he filled all the flowers with sugar and such, Which his wife thought unusually funny.

It pained him to see squirrels using their teeth, In cracking the nuts that they found, So he placed a new pair of nut-crackers beneath Every tree for ten acres around.

Such kindness continued, as you may have guessed, Till the limit was reached, you'll agree, When, in order to give the birds plenty of rest, He put perches up in a tree.

—George O. Butler, in "St. Nicholas."

GREAT HELP TO YOUNG MOTHERS

Baby's Own Tablets Have Many Uses and Are Absolutely Harmless.

To have in the house a simple harmless remedy for the minor ills of babies and little children is a great boon to young mothers and this is exactly why Baby's Own Tablets have been found in many households. They reduce fevers, allay the irritation of cutting teeth and regulate the bowels, yet they have no drug taste and children like them.

Mrs. Mary L. Daniel, Central Falls, R.I., says: "Baby's Own Tablets are just what they are recommended to be. My little girl was badly troubled with pin worms, was feverish and restless and would be awake all night. I got a box of Baby's Own Tablets and they helped her at once. She is not nervous now and sleeps well at night. I have never used a better medicine for this trouble. I have also found Baby's Own Tablets good at teething time and am glad to recommend them to other mothers."

Baby's Own Tablets are sold by all druggists or will be mailed on receipt of price, 25 cents per box, by the Dr. Williams' Medicine Co., Brockville, Ont. A little booklet, "Care of the Baby in Health and Sickness," will be sent free to any mother on request.

Recompense.

For sorrows that each heart does bear, Some restitution rises; The little joys found everywhere, Become life's golden prizes.

There's not a soul with all its grief That finds no hidden pleasure, If it, through trial, still holds belief That strength to bear is treasure.

Just as the sparkling dew of morn Displaces nightly gloom, The joy of each ear is reborn Within the flowers' bloom.

No burden is so great to bear That courage cannot lighten; And in the depths of dark despair Lies strength to lift and brighten.

—Lamont Johnson.

USE SIMMONDS SAWS

Their teeth are of a toughness which makes them hold their keen cutting edge under every usage.

SIMMONDS CANADA SAW CO. LIMITED 1500 DUNDAS ST. W., TORONTO VANCOUVER MONTREAL ST. JOHN, N.B.

Cord Wood Saw Users Write Simmonds Canada Saw Co., Limited, 1550 Dundas St. West, Toronto, Ontario, for prices on Simmonds Special Circular Cord Wood Saw

Stage and Bus. Those who sigh for the good old days can have them back, with modern improvements, for the price of a bus fare.

You have been intending to try "Red Rose." Why not now before you forget.

RED ROSE TEA "is good tea"

The ORANGE PEKOE is extra good. Try it!

When There Were Two Moons

Here is a legend that was long current among the Penobscot Indians, of Maine.

Once upon a time, they used to say, in the long ago there were two moons in the sky. One was the big moon that we can all see to-day, and the other was a little one that followed the big one about.

Now, there lived among the Indians a small boy who did not like to work. He neglected every task that was set him and spent his time in play. At running errands, he was especially irresponsible. Indeed, it was his heedlessness in this regard that cost the world a moon.

It happened thus. One morning his mother sent him into the garden to get a pumpkin. But as usual he loitered on the way. Perhaps he chased a squirrel or wasted his time shooting arrows. At any rate it was nightfall before he thought of the pumpkin for which he had been sent. It was dark and he was a long way from home, and also from the field in which the pumpkins grew. The big moon had already set, but the little one was still in the sky. As the boy squinted at it, wishing that it gave more light, it seemed to him that, small and round and yellow as it was, it looked very much like a pumpkin. If he had that little moon, perhaps he could fool his mother, whose sight was failing, into thinking that it really was the pumpkin that he had been sent to fetch.

Snap went his arrow, and twang went his bow, and in less time than it takes to tell it, the little moon was lying at his feet. But alas! it burst itself in the ground, and as it lay there it was much larger than he had expected it to be. Also it was no longer yellow. Neither was it quite round.

The small boy was soundly beaten by a horde of small and angry imps that came tumbling off the angry moon and when he returned home empty-handed his mother at last fulfilled her long threat and whipped him all over again.

Anyone who doubts the truth of this story may travel up into Maine and there, on the west fork of the Penobscot, he can see the fallen moon for himself. The palefaced call it Grindstone Hill.

Insurance and Assurance.

Insurance and assurance are not really interchangeable words, though often liberties are taken with them. Insurance is properly used when referring to an uncertain risk, such as fire or ship wreck, while assurance covers risks that are certain, such as death.

Ottawa, in Canada; Sydney, Melbourne, and Perth, in Australia; and Pretoria in South Africa, all have the right to mint their own gold coins.

BABY USED TO CRY ALL NIGHT

Pimples on Face and Limbs. Cuticura Heals.

"Pimples broke out on the side of my baby girl's face and later on her limbs. They itched something terrible and she used to scratch them causing the trouble to spread, and also irritated it. Her clothing aggravated the breaking out on her limbs and she used to cry about all night."

"I read an advertisement for Cuticura Soap and Ointment and sent for a free sample. I purchased more, and after using one and a half boxes of Ointment and one cake of Soap she was healed." (Signed) Mrs. Bonnie Shelburn, 4039 W. 119th St., West Park, Ohio, Aug. 22, 1924.

Use Cuticura for all toilet purposes. Sample Book Free by Mail. Address Canadian Depot: "Cuticura Ltd., Montreal." Price: Soap 25¢, Ointment 25¢ and 50¢, Talcum 25¢.

ASK THIS HALIFAX NURSE

She Is Willing to Answer Letters from Women Asking About Lydia E. Pinkham's Vegetable Compound

Halifax, Nova Scotia.—"I am a maternity nurse and have recommended Lydia E. Pinkham's Vegetable Compound to many women who were childless, also to women who need a good tonic. I am English and my husband is American, and he told me of Lydia E. Pinkham, while in England. I would appreciate a copy or two of your little books on women's ailments. I have one which I keep to lend. I will willingly answer letters from any woman asking about the Vegetable Compound."—Mrs. S. M. COLEMAN, 24 Uniacke Street, Halifax, Nova Scotia.

Could Not Sleep Nights

Dublin, Ontario.—"I was weak and irregular, with pains and headaches, and could not sleep nights. I learned about Lydia E. Pinkham's Vegetable Compound by reading the letters in the newspapers and tried it because I wanted to get better. I have got good results from it and I feel a lot stronger and am not troubled with such bad headaches as I used to be and am more regular. I am gaining in weight all the time and I tell my friends what kind of medicine I am taking. You may use my letter as a help to others."—Mrs. JAMES RACHO, Box 12, Dublin, Ontario.

Genuine ASPIRIN

Proved safe by millions and prescribed by physicians for

| | | | |
|----------|-----------|----------|------------|
| Headache | Neuralgia | Colds | Lumbago |
| Pain | Toothache | Neuritis | Rheumatism |

Safe Accept only "Bayer" package which contains proven directions. Handy "Bayer" boxes of 12 tablets. Also bottles of 24 and 100. Druggists.

Aspirin is the trade mark (registered in Canada) of Bayer Manufacture of Massachusetts, U.S.A. While it is well known that Aspirin is a Bayer manufacture, to assist the public against imitations, the Tablets of Bayer Company will be stamped with their general trade mark, the "Bayer Cross."

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