What Science Is Doing

DRUG FORESTALLS BLINDNESS

Sulfanilamide is giving back to Indians eyesight threatened by trachoma.

In tiny clinics spotted throughout the United States West, public health and Indian service doctors are treating the eye disease which once meant blindness or patient treatment that might show results in six months - or three years.

Trachoma, which historians say Coronada and his conquistadores probably brought to New Mexico in 1534, has taken a growing toll of Indian eyesight ever since.

SOLDIERS' NERVES AND POLIO

A soldier who has nerves severed in battle undergoes the same suffering in general as a child who has infantile paralysis, Dr. D. Y. Soldant, associate professor of physiology at the University of Toronto said last week. He continued:

"Experimenting with rats and other animals we have been working particularly on denervated muscles, their function and the restoring of them to normal. Denervation of mucles may arise from poliomyelitis or the cutting of a nerve."

This J. P. Records Weddings on Wax

Justice of the Peace Dawson M. Yerkes of Millbourne, Pa., makes a recording of every wedding ceremony he performs. The recording starts with the refrains of "The Wedding

March." The squire said, "It's better than a marriage certificate. It's something that every couple can keep in their parlor to play on wedding anniversaries and other occasions."

Wrote "Brtain's Blockade"



R. W. B. Clarke has made a special study of the economic problems of war. He is author of an informative and well-written pamphlet on "Britain's Blockade," No. 32 in the Oxford Pamphlets on World Affairs.

War Problems Of Education

Guidance of Canadian Youth Puts Teachers on Their Mettle - Education Must Help Win Peace

Problems resulting from war

and its effect on youth were discussed by Mr. Joseph Mc-Culley, in a recent address on "Education in Wartime," at Moulton College Parent Teachers' Association in Toronto, says a story in the Globe and Mail, Confusion between truth and propaganda and the effect caused by mass insecurity create a problem, and youth is affected by a desire for security and at the same time a desire for experience and adventure. He referred to the attraction of the air force for young people.

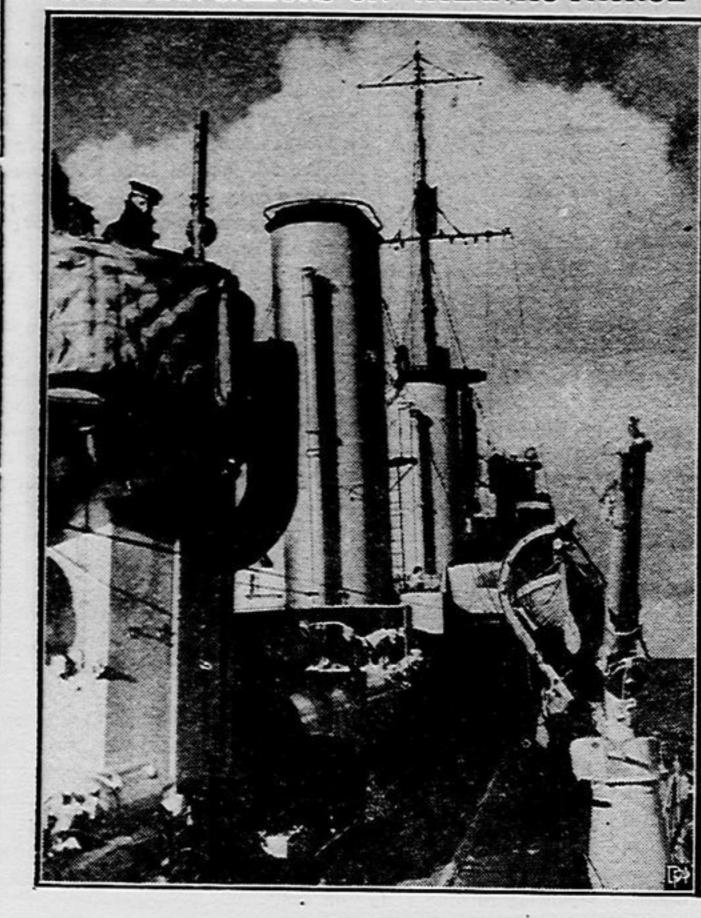
> BETWEEN TRUTH. PROPAGANDA

The teacher could assist pupils in meeting these problems. Teachers could help young people to distinguish between truth and propaganda; they could discourage the development of mass hatred; they could give pupils practical and useful work as outlet for the emotions. Education, Mr. McCulley said, "must help win the peace after winning the

Salaries and wages paid in 1939 by the lode gold mining industry in Canada totalled \$53,-206,225.

war."

CANADIAN SAILORS ON "ATLANTIC PATROL"



Canada's naval men are writing a new chapter of heroism and sacrifice in the present war. Sailors aboard a Canadian destroyer are shown here at their stations as their vessel knifes through the swells of the North Atlantic.

POLICY ON NEWSPRINT FAVORS CHICAGO TRIBUNE PAPER MILL

While the question is important as to how, and when, the Abitibi paper company is to be reorganized, another question of great public interest in Ontario and Quebec is whether or not the governments of those two provinces will continue exemptions from the rule calling for spreading of production equally among all the paper mills in the two

provinces. This spreading of production, or "pro-ration" was instituted by government authority a couple of years ago in order that every mill town would have some business instead of a few being busy and a number being shut down entirely. The justification for government interference in this business is that the raw material of the paper mills is derived almost entirely from crown lands leased to the paper companies. Before pro-ration, a suicidal sales policy in the industry was denuding the forests without adequate return to any public or private interest

The industry has benefited from pro-ration, according to most authorities, but a grave weakness in the policy is that the Ontario government countenances certain exemptions. Most people would say that pro-ration should apply to all factors in the indus-

Exemption was initially claimed by the Ontario Paper Company, which is owned outright by the Chicago Tribune. The excuse for the exemption claim is that the entire output of the Ontario Paper Company goes to the Chicago Tribune and its affiliated New York News. Just what this has to do with spreading employ-

35c Bottle, at druggists proves It or money back

ment among the mill towns of the two provinces will be obscure to most observers.

But the Tribune's exemption became a fact. And with this exemption in force, certain other mills have had fairly good excuses not to comply with the government's order.

Thus the granting of one exemption has in some degree nullified a government policy which was designed to help employees of paper mills in towns remote from communities where other work would be normally obtain-

- HAVE

The pompous person stalked into the office and demanded to see the manager. "I'm sorry, sir, but he's not

here," replied the secretary. "Is there anything I can do?" "No," snapped the stranger. "I never have my dealings with underlings. I'll wait until the manager returns."

"Very well, take a seat," said the secretary as she continued with her work. As the time passed the man grew more impatient.

"How much longer do you think he will be?" the stranger demanded. "About two weeks," was the reply. "He's on a vacation."

Passenger: "Fish Hook that's an odd name for a station! Why do they call it

Conductor: "Because it's the end of the line."

Elderly Aunt, to her nephew, poor preacher. "James, why did you enter the ministry?"

Here's How The Big Ones Bite on Pacific Coast



Prize winners in the October Tyee derby at Port Alberni, Vancouver Island, display their catches. At left is sixteen-year-old Tommy Turner, cf Port Alberni, who took the first prize fish, weighing 41 and a half pounds, on a borrowed bamboo pole. Fall and winter fishing are leading attractions of the west coast all-year playground. This season Canadians are more and more taking advantage of their own Canadian resort, and the Empress Hotel, Victoria, is again the leading center for fishermen, golfers, and others seeking a mild climate and summer sport facilities when the rest of the Dominion is deep in snow. Den Coltman - Canadian Pacific Photo.

"Because I was called," he answered.

"James," said the old lady anxiously, as she looked up from wiping her spectacles, "are you sure it wasn't some other noise you heard?"

The prodigal wrote for paternal help, winding up with the confession that he was obliged to sleep in a disused cowshed.

Back came a postcard from the father: "Dear Oswald, is there room for two?"

The vacuum cleaner man having finished his demonstration, turned with a beaming smile and showed the housewife the amount of debris which had been extracted.

"Oh, my goodness, isn't that awful," said the woman. "I'll have to get rid of that carpet and put down linoleum."

"I'm glad to meet a man who started at the bottom and worked his way up. Tell me, how did you begin? "I was a bootblack and

now I'm a hairdresser."

Modern Etiquette

BY ROBERTA LEE

1. When you have received a valuable gift from a friend, sent by mail, and it arrives in a badly damaged condition, what should you do?

2. What are a few acknowledgments of an introduction that are forbidden by social usage? 3. When should a guest who has finished eating place his napkin on the table?

4. Isn't it a mistake for a person in company to be impulsive in what he says, always "speaking his mind" as he calls it without considering its effect?

5. When a young woman is seated at the table of a public diningroom and another woman stops to chat for a minute, should the young woman rise?

6. Is "Yours very truly" an appropriate close for a friendly letter?

Answers

1. Take it up with the post office at once and try to get it replaced. Thank your friend and say nothing about the damage. 2. "Pleased to meet you," "Delighted to know you," "Charmed, I am sure," or any other extravagrant phrase. "How do you do" is the accepted form. 3. Not until his hostess has placed hers there. 4. Yes, it is a fault that should be corrected. The old proverb says, "A wise man reflects before he speaks, and then reflects on what he has uttered." 5. Not unless the woman who stops is elderly. 6. No. "Yours very truly" is a formal close, used in business.

Lost Element Found

What he claims to be the last of the world's missing known elements completing the list of ninety-two which science has been trying to fill in since 1789, has been discovered by a Swiss radiologist, Dr. Walter Minder, of the Radium Institute in Berne. He calls it Helvetium, and says he isolated the element by radium disintegration, securing a speck no bigger than one 10,-

000th of a milligram. "The quantity so far," he admitted, "is too small to make practical experiments on possible uses of the new element," but he suggests that its properties would perhaps be discovered first in the U.S.A., because larger amounts of radium are available there.



Cranky? Restless?

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HEALTH TOPICS

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Public Health Can Shape A Nation

Public health has become a dominating factor in determining the destiny of the individual and the nation, and it is logical that in the midst of war, attention should be directed on the ehaelth conditions of the civil population, Dr. Grant Fleming of Montreal declared in a recent address.

Reviewing the progress in the control, of smallpox, scurvy, cholera and similar diseases which by persistent work had been rendered almost unknown in Canada, Dr. Fleming urged that similar persistence be applied to such present day scourges as tuberculosis.

Go After Tuberculosis "Infant mortality," he said, "quoting Sir Arthur Newsholme," is the most sensitive index we possess of social welfare." Out of 229,000 babies born alive in Canada in 1939. 13,900 did not live to see their first birthday and of this numbere, 7,000 did not survive for one month. In addition, he said, there had been 6,000 stillbirths and 967 mothers' lives were lost in childbirth.

These figures, he said, could be interpreted in two ways, as an encouraging improvement over conditions of former days, or as an impetus for action to avoid needless waste of life. Without any question," he added, "Canada can save the lives of 500 mothers and of at least 6,000 babies.

Should Be No Typhoid "In 1939 we had 109 typhoid fever deaths in this province, which would indicate an incidence of over 1,000 cases, not one of which should have occurred."

Milk is the most important single of food used in the home, Dr. Fleming continued, and when contaminated is "as dangerous to introduce into the family as a live bomb. Nevertheless, it is true that raw milk, which is always potentially dangerous, is regularly used by many people who flatter themselves that they are intelligent."

Saves Up Pennies For Wedding Day

Where there's a will, there's a way. A would-be bridegroom from out-of-town saved his pennies, turned up at the office of Miss M. D. Stewart, Sarnia, Ont., city clerk, accompanied by his bride-to-be, and planked down 500 of them to get his marriage

Our Sturgeon **Produce Caviar**

Selling For \$1 a Pound, It Will Help Swell Canada's War Coffers

Even the sturgeon in Canada's lakes and rivers have a place in the war effort and this year they will be responsible for purchase of at least a piece of a warplane. In other words and according to fisheries department experts, Canada has a good market for caviar in the United States.

'If Ontario production is up as production is reported to be in Manitoba, the Dominion will get at least \$7,000 in United States money to use for war buying. Caviar usually sells for \$1 a lb. and this year prices are rising.

Two factors enter into this tasty situation. First there are the prospects of a shortage for caviareaters in the U.S. because the war has interfered with importations from Russia. Second, Manitoba expects to ship to the United States this year more than 2,400 pounds of the delectable little fish eggs, 900 pounds more than last year. Last year Manitoba shipped 1,512 pounds and Ontario sent 4,870 pounds to the United States. These two provinces are the big Canadian producers.

Curves and Nerves

"Pick 'em fat, boys," advises a man who claims to know. "It's a lot easier to live with 200 pounds of curves than with 100 pounds of nerves."

How Can I?

BY ANNE ASHLEY

Q. How can I render fabrics

fire-proof? A. Soak in a solution of one pound ammonium phosphate to one gallon of cold water. Or add one ounce of alum or sal ammoniac to the last rinsing water, or to the starch used for wash fabrics. This will prevent the cloth from bursting into flame, although it may smoulder. Q. How can I make a china

A. Stir freshly-slaked lime into the white of an egg until it becomes the consistency of paste. Apply to the edges of broken china and let dry for at least three days. This cement can

also be used on marble and glass.

Q. How can I remove stains



REGISTER OGDEN'S!

from light - colored stockings. made from dark shoes?

A. Add a tablespoon of borax to the water in which the stockings are washed. Put the borax into the suds and let the stockings soak for an hour before washing in the usual way. Rinse

Q. How can I make a good household glue?

A. A good household glue that will stick paper or cloth to metal, wood, or glass, and leave no stain, can be made as follows: Dissolve 1 tablespoonful of ordinary gelatine in 2 to 21/2 tablepoonfuls of boiling water. Boil a few seconds and then add a little sugar while still hot.

Q. How can I remove pencil marks from white woodwork? A. These marks can be easily removed by rubbing them with a piece of cut lemon, and then with whiting on a damp cloth.



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ISSUE 47—'4

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gold bought, Osnes Jewellers, 6548
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Greeks Em Secret Ball

They're Not novation -Voted On Scr When Questi Were to the F

"The process of is a heritage from civilization," says a the National Go ciety. "While the viva voce on most questions as exile

cret balloting. "Secret ballots 2,400 years ago Themistocles and been unearthed. Th en bits of pottery on which the secr scratched, casting years citizens thou the young Athenia ROMAN ELE

"Election days Rome were days sembly, and those make the journey not vote. Election termined by the Senate and procla herald at least 17 vance, with a secon election day. "The list of c read to the thirtysembled in the Ca

as a unit, after ha certained the trib by secret ballot. sisted of a small ca. dboard, coated ed the 'tabella' voter noted his stilus. Filing thro passageway, the his ballot into the or urn. "Later ballots name suggests, br and white, deposite

each tribe declari

a box to express t cision, hence the balled.' Or balls were placed in di to indicate the vot How Insect

Music With Wing Covers

Scrape Agains And Produce If you can disco fiddling, you will n raises his wing cov body and rubs the gether. Then you cricket's familiar wing covers of the are larger than his

you examine them heavy ridge cut like the base of the wing The scraping of the wing cover against producing the soun covers are splen boards, and they qu vibration of every n As summer draws the katydid swing ba

wing music to Natur It is a monotonous katydid can no mor tune than you can ch on a phonograph rec TRY IT YOU! Sometimes you ca play his "record" by larger pair of wings

the delicate triangle

of one of the wings

the other wing. If properly, he will som surprising "katydid" The short horned have two songs. On and cracking chant I when the upper su front edge of the hin bed against the und the fore wing. Some horns also play the using their rough him

1940 Const Up 60 Per

on the outer wings.

Over 1939 -All Provinces d

New Work Dur Construction in Ca is \$100,000,000 ove peiord of 1939, Con ed for all types of in Canada, during compiled by MacL Reports Ltd., amout 360,600. This total than in September, cent. higher than 1939 total of \$14,2 awards for the year \$274,109,600, as ed \$165,010,000 for th of 1939, an increase

Quebec heads th this month with \$8, tario has \$8,171,2 \$3,191,700; British \$2,009,200; Nova Sc 500; Manitoba, \$1,0 katchewan, \$1,007 Brunswick, \$689,100 ward Island, \$425,2