Members of Essex Scottish Regiment Take Medical Test

Members of Essex Scottish Regiment are shown undergoing a medical examination at Windsor, Ont., as they enlisted for voluntary military service in the defence of Canada.

What Science is Doing

EXPERIMENT WITH SILICOSIS

Two members of the staff of the Queen Alexandra Sanatorium at Byron, Ontario, Dr. D. W. Crombie and J. L. Blaisdell, will test the effects of a new treatment for silicosis in the Porcupine mining area of Northern Ontario.

The investigations of research experts show that metallic aluminum prevents silicosis in animals. The inhalation of aluminum dust in large quantities over long periods of time shows no effect on the general health of the animals and no damage to tissues. No animals whose lungs on analysis contained one per cent. or more of metallic aluminum showed any evidence of silicosis up to seventeen and a half months, in contrast to well developed silicosis in the quartz control rabbits in seven months.

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IRRADIATED FISH KEEPS FRESH

Sea food of the future may be kept from spoiling for longer periods of time through the use of ultra-violet rays, as a result of experiments conducted by the U.S. Bureau of Fisheries.

—o—

DELICATE PLANE INSTRUMENTS

Delicate instruments to measure and record vibrations in the structures of airplanes have been developed by the National Research Council at Ottawa. It is expected to be of value to aeronautical engineers in their efforts to increase the safety and reliability of aircraft.

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PASTE CURES ULCERS

Slowly-healing ulcers and bed sores which resist ordinary medical treatment, respond dramatically to a new type of medicated paste which can be prepared by neighborhood pharmacists. The base of the paste is either pectin or tragacanth gum.

Canada, Argentina and Australia provide the bulk of the wheat entering world trade. Exports from the United States, the Soviet Union and the Danubian countries show wide fluctuations, but are often substantial.

STOP WASTING MONEY ON INSIPID TEAS

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LIPTON'S Full-Flavoured TEA

RED LABEL ORANGE LABEL YELLOW LABEL

Viking Blood Bestowed Here

Norse Infusion Beneficial To Other Lands

Norway is a rugged northern land, whose effect on the rest of the world has been out of all proportion to the sparseness of its population. In ancient times and in the modern world a vitality has gone out from its savage mountains and fertile glens which few countries, sleeping in the sun, have been able to equal.

Full of Vitality

The Norse people, 1,000 years ago, bestowed their enduring blood on neighboring regions over an arc of thousands of miles. England, in particular, but also Scotland, Ireland and northern France, are also partly Norse.

This infusion was not by choice of the peoples infused, but was the consequence of raids performed by the dreaded Vikings over two centuries. The Vikings were not called benefactors by their contemporaneous victims, but such the countries have proved them to be, for the Viking drops in the native streams have certainly had a quickening effect.

Have You Heard ?

"So you remember away back to the Revolution, do you?" asked a gentleman of an old Negro.

"Yassah — de Revolution an' Gin'l Washington an' all dem. Sure do."

"Perhaps you were a witness to the fall of Rome."

"No, sah. Ah didn't see it, but Ah recollec' hearin' somethin' drop."

—o—

"That's a fine girl you've married," said the Old Friend.

"Yes," said the Angler, absent-mindedly, "but you should have seen the one that got away."

—o—

Jimmy, who had been climbing trees, came in for the second time with his trousers torn.

"Go upstairs and mend them yourself," ordered his harassed mother.

Some time later, she went up to see how he was getting on. The trousers were there, but no Jimmy.

Puzzled, she came downstairs, noticing as she passed that the cellar door, usually shut, was open. She went to the door, called down loudly and angrily, "Are you running about down there without your trousers on?"

The reply came sternly: "No, madam, I'm reading the gas meter."

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There was a young woman called Lena
Who bought a new vacuum clena;
But while working one day
She got in the way,
And since then nobody has sena.

—o—

The following sign is posted by the roadside as you enter a Western town:—

4,076 people died last year of gas.
29 inhaled it.
47 put a lighted match to it.
4,000 stepped on it.

—o—

"Can you tell me why Hitler has remained a bachelor?"

"No... Why?"

"Because he strongly objects to any form of encirclement."

How Can I?

BY ANNE ASHLEY

Q.—How can I clean out the holes in the coffee holder of the percolator?

A.—Place some coarse salt in the container. then hold it under the hot water faucet, and allow the water to wash the coffee deposit and salt away.

Q.—How can I mend a rip in an otherwise good raincoat?

A.—Paste a piece of adhesive tape larger than the slit on the under side of the coat. It will not show and the coat will be as good as new.

Q.—How can I make a good linoleum polish?

A.—Mix one cup of melted paraffin, two cups of kerosene, and three tablespoons of turpentine.

Q.—How can I treat perspiring feet?

A.—One of the best remedies is to powder the stockings with one part of chlorinated lime, one part prepared chalk, and one part of powdered starch. Also bathe the feet daily in cold water.

Q.—How can I remove indelible ink stains from a garment?

A.—Equal parts of turpentine and ammonia will remove these stains. Saturate the cloth thoroughly in this solution, allow to soak for a few minutes, and then rinse well in warm water.

Q.—How can I make a good whipped cream substitute?

A.—Grate one apple, add two or three tablespoons of sugar and one egg white, then beat until light.

Fingerprints Never Change

Fifty-Year Test Shows Their Permanence

W. N. Jennings, of Philadelphia, has completed a fifty-year test of the permanence of fingerprints. He has reported to the Institute of Applied Science, Chicago, a comparison between a print of his right hand made fifty years ago and one made recently. He made the first print a half century ago for the purpose of ascertaining whether the configurations on the skin of the fingers, then proposed as a means of identification, would remain unchanged during life. When the test period was reached he again made a print of his right hand. It shows that the characteristic lines on the fingers have not changed and that it would still be possible to identify him from the half-century-old print. The old and new prints are published in "The Journal" of the Franklin Institute, Philadelphia.

Movies' Value In Education

Dr. B. V. Morkovin, head of the cinematography department of the University of California at Los Angeles, believes that moving pictures are becoming more important in education. Dr. Morkovin, a recent visitor to Winnipeg worked with Walt Disney, creator of animated cartoons, for five years in an advisory capacity.

In the cinematography department at the university, first of its kind in America, students are also taught both the technical and dramatic side of firm production. And they are trained to become directors, technicians, sound men and studio operatives.

Dr. Morkovin has a film specially designed for those with poor hearing.

"It teaches lip reading and is an innovation that will be used more and more as time goes on," he also said. "Deaf people have profited by this type of film."

SCOUTING

It is taken for granted that the Boy Scouts of Canada will rise to the situation created by the new war for the preservation of democracy, as did their predecessors of Scout age during the period of the "Great War" of 1914-18.

While strictly non-military, in accordance with the principles of the organization, the service was of great practical value throughout the war. Indeed it is not too much to say that but for the organization and training which made the Boy Scouts of 1914 immediately available, some of the important civilian activities incidental to the war would have moved at a slower pace.

—o—

In practically every city, town and village, the Scouts were there, in troops or singly, to run messages on wheel or afoot, to help at a refreshment booth, a bazaar, a fund-raising entertainment; to usher at meetings, or wash dishes in a Red Cross kitchen.

—o—

As the general war work developed their activities broadened. They were used in connection with Victory Loan campaigns, and Red Cross, Y.M.C.A., and other patriotic fund drives. They met troop trains, and acted as guides and messengers. Later they met the trains of returning sick and wounded, carried their luggage, and assisted in every way possible.

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At Halifax, Saint John, Quebec and Montreal, they met hospital ships. In the country districts they aided farmers whose farm hands had joined up. Many city boys also did long weeks of farm labour, through the harvest or the fruit season, without pay, or turned their earnings over to the Red Cross.

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The wives and families of soldiers overseas were looked after. One Toronto Troop, in addition to a large war garden of its own, planted and tended 15 gardens for the wives of soldiers. In smaller communities there was such service as the sawing of the winter's wood for war widows, doing chores and running errands over long periods for families without men folks.

—o—

Numbers of Scouts gave valuable service in hospitals, one Winnipeg Scout putting in a total of some 600 hours in hospital attendance. One Toronto Scout was credited with 690 hours at the folding and packing of bags at a Red Cross depot.

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The above records were noted in connection with the award of special Scout war service badges, of which 2,485 were issued by provinces as follows: British Columbia, 118; Alberta, 132; Saskatchewan, 390; Manitoba, 231; Ontario, 864; Quebec, 494; New Brunswick, 100; Nova Scotia, 156.

Modern Etiquette

BY ROBERTA LEE

1.—Should a person listen to gossip?

2.—Isn't it considered inexcusable for a guest to be late when invited to dinner?

3.—Is a house guest supposed to keep her bedroom in a neat condition?

4.—Should a man omit the Mr. on his business cards?

5.—What is the real definition of a coquette?

6.—May one use the knife to cut open a muffin?

Answers

1.—No. When one listens to gossip, it is merely encouraging a bad habit in the other person. It has been wisely said that "Narrow-minded and ignorant persons talk about people and not things, hence, gossip is the bane of the age." 2.—Yes, it is very inconsiderate and rude unless, of course, the delay is caused by illness, an accident, or some such reason. Under those circumstances it would be inconsiderate of the hostess to resent the guest's delay. 3.—Yes, by all means. Otherwise she is often a "one time guest." 4.—Yes. His card should read, Arthur L. Harris. Only such prefixes as Dr. and Rev. are used on a business card. 5.—Webster says, "A woman who endeavors without affection to attract men's amorous attention, especially by playful arts; a flirt." 6.—No. Bread of all kinds should be broken with the fingers, never cut.

West Indies Seen As New Dominion

"A Londoner's Diary" in the (London, England) Evening Standard said yesterday the West Indies Commission will recommend that a new dominion be created to be known as "The Dominion of the West Indies."

The West Indies now have the status of crown colonies.

The diary said the commission will also recommend extension of small holdings, enabling large, non-productive estates to be divided to grow food. Establishment of a West Indies university will also be recommended.

The diary predicts the report will be delayed until December through differences between Lord Moyne, chairman of the commission, and Sir Walter Citrine, secretary of the Trades Union Council.

Advantages Of Fall Ploughing

It Facilitates Early Seeding of Cereal Crops — Superior On Heavy Soils

Experiments conducted by the Field Husbandry Division, Dominion Experimental Farms, have now shown that shallow ploughing produces as high yields as deep ploughing at a considerable saving in power requirements. Furthermore, tillage beyond that required required for weed control and reasonably good seed bed preparation has no beneficial effect on yields.

Surface Cultivation

In many districts of the Prairie Provinces, ploughing for summer-fallow has been largely dispensed with in favour of the "ploughless fallow" by surface cultivation. In Eastern Canada, ploughing sod land in the summer with after-harvest cultivation where weeds are troublesome, and ploughing in late fall on less weedy land, have both proved superior to spring ploughing, especially on heavy soils. One advantage of summer or fall ploughing is that it facilitates the early seeding of cereal crops that experiments have clearly shown to be very desirable.

Elephants are being thinned out in South Africa because they damage crops.

No Need To RUB AND SCRUB

USE a solution* of Gillett's Pure Flake Lye to take the grease off pots and pans. Use it to keep clogged drains running freely. It cuts through heavy dirt of any kind . . . just washes it away!

*Never dissolve lye in hot water. The action of the lye itself heats the water.

FREE BOOKLET — The Gillett's Lye Booklet tells how this powerful cleanser clears clogged drains . . . keeps outhouses clean and odorless by destroying the contents of the closet . . . how it performs dozens of tasks. Send for a free copy to Standard Brands Ltd., Fraser Ave. and Liberty Street, Toronto, Ont.

Issue No. 38 — '39

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MEN WANTED IN EVERY CITY. Sell Dexter Weatherproof service shoes, greatest shoe value in Canada. Complete line of boots and shoes for men and women. Also raincoats and windbreakers. Free selling outfit. Dexter Shoe Company, Limited, Montreal.

BABY CHICKS

SPRUCELEIGH WHITE LEGHORN Pullets, farm-ranged, May-hatched, September delivery, $1. each. Wood's Poultry, Route 5, Rockwood, Ontario.

BOOKS

CANCER AND FOODS WITH A note on Soil Fertilization and Milk. A Resume of the latest Scientific Findings, price 50 cts., by C. G. S. Baronsfeather, M.A., M.D., LL.B., 11023—81 Avenue, Edmonton, Alberta.

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QUICK RELIEF FROM IRRITATION and itching caused by piles and hemorrhoids. Highly recommended. Money back if not entirely satisfied. Price 75c a jar. White Mfg. Co., Box 164, Toronto, Ontario.

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SOUTHDOWN AND SUFFOLK Sheep, both sex, 1 mile east of No. 4 Highway, Lot 14, Concession 15, London Township. Gordon O'Neil, Denfield, R.R. No. 2.

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NEW AND REBUILT MACHINERY of every description, Shop supplies and tools. Enquiries welcomed. The A. R. Williams Machinery Co., Ltd., 64 Front Street, West, Toronto.

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PORTABLE SILOS

GET THE MOST FEED VALUE out of your corn this season by storing it in a Keenan Portable Silo. It will keep your ensilage in perfect condition at only a fraction of the cost of a permanent silo. Sold in sizes of 10 feet to 16 feet diameter. Includes everything necessary for erection. The cost is small. Write for prices. The Keenan Fence Co., Owen Sound, Ontario.

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GOOD USED FURNITURE: 8 PC. Dining Suite $15.00; Chesterfield Suite $20.00; Chesterfield Bed Suite $39.50; Studio Couches $10.; 9-piece Dining Suites, like new, $49.50; Breakfast Suites $20.00. Hundreds of other articles. Write us for your requirements. Terms arranged, if necessary. McKenna Furniture Co., Ltd., 526 Bay St., Toronto.

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USED ELECTRIC INCUBATOR wanted, any size, 2500 to 3000 capacity preferred. Apply Box 30, Oil City, Ontario.