PACIFIC DEFENSE

Keen-eyed Sioux Indian Army scout has his rifle ready to deal with any enemy threatening our western coastline. Indians were used as scouts in World War I.

HOW CAN I?

Q. How can I mend a kitchen knife or fork that has come loose in the handle?

A. Fill the opening in the handle with powdered resin. Then heat the handle end of the knife or fork and force it into the handle opening. Tie a string around it and allow it to remain until dry.

Q. How can I destroy plant insects?

A. To destroy insects and also to fertilize the plant soak one tablespoonful of smoking tobacco in one quart of water over night. Pour this solution on the soil about once every thirty days.

Q. How can I clean leather goods?

A. By using strong ammonia water. Rub the leather until it is clean, and then dry with a soft cloth.

Q. How can I clean rugs on the floor?

A. Rugs may be cleaned very nicely on the floor if washed with soap suds applied with a brush. Use only suds, and as little liquid as possible. Wipe the rug after washing with a clean cloth.

Q. How can I remove medicine stains from sheets or linens?

A. By making a paste of fuller's earth and ammonia, and applying this to the stain. Leave on until dry, and then wash out the stains with soap and water.

What Science Is Doing

WHAT'S A SNOWFLAKE?

A snowflake—being ice—is a mineral with a chemical composition of H2O, and a hexagonal crystalline form like that of the gem stone beryl.

Snowflakes start as ice crystals, formed — usually on a tiny particle of dust—when water vapor is cooled below freezing. Sleet and hail, on the other hand, result from the freezing of water droplets after condensation.

Normally it takes about 10 inches of snow to equal one inch of rain.

Because of the air spaces between fallen flakes, a heavy snow blanket has unusual insulating properties, and may keep the temperature of the ground close to freezing while the temperature above the snow is below zero.

Of trillions of snowflakes no two are ever exactly alike.

—o—

NAPHTHALENE BY-PRODUCTS

Moth balls and flakes and synthesized medicinal preparations such as aspirin, saccharine, novocaine and barbital are by-products of coal.

—o—

FERTILIZER

Fertilizer from coal, in the form of sulphate of ammonia, is increasing in application. During 1941 it is estimated agriculture will need 400,000 tons of nitrogen, of which 122,000 tons will be in sulphate of ammonia, produced from coal in the by-product coking process.

Axis Air Losses Are Double British

Air losses of the Axis up to the end of 1941—even exclusive of losses in Russia—have been double those of Britain, it was announced recently.

The Air Ministry said Axis losses had been 8,559 planes, and Britain's losses 3,962.

It gave this breakdown: Over and around Britain, Axis 3,692, British 887; over Europe, Axis 940, British 1,875; Middle East, Axis 2,875, British 711; Western front, Axis 957, British 379; Scandinavian front, Axis 56, British 55; at sea, Axis 39, British 54.

In addition Admiralty records listed 570 other Axis planes destroyed at sea by British warships and armed merchantmen.

Have You Heard?

Two Irishmen arranged to fight a duel with pistols. One of them was very stout, and when he saw his lean adversary facing him he raised an objection.

"Bedad!" he said, "I'm twice as big a target as he is, so I ought to stand twice as far away from him as he is from me."

"Be aisy now," replied his second. "I'll soon put that right."

Taking a piece of chalk from his pocket, he drew two lines down the stout man's coat, leaving a space between them.

"Now," he said, turning to the thin man, "fire away, ye spalpeen, and remember that any hits outside the chalk mark don't count."

While on patrol duty a member of the Home Guard came across a watchman asleep in his hut.

The sirens had just previously sounded. Shaking the old man, he shouted: "Wake up; don't you know the siren's gone?"

Sleepily he murmured: "We'll, I'm not surprised. The people round here'll take anything."

A minister advertised for a man-servant. The next morning a well-dressed young man rang the bell.

"Can you start the fire and get breakfast by 7 o'clock," the minister asked.

"I guess so," relied the young man.

"Well, can you polish all the silver, wash the dishes and keep the house neat and tidy?"

"Say, parson," answered the young fellow. "I came here, to see about getting married, but if it's going to be as much work as all that you can count me out right now."

Reporter (to veteran of Libyan campaign): "Was there any shade in the desert?"

Soldier: "Yes, but I couldn't get in it."

Reporter: "Why not?"

Soldier: "Well, have you tried to sit in your own shadow?"

When Macpherson came home from work he told his wife: "I'm joining the Army, Maggie. I'll just take my tea and go along and 'list."

"Oh, Sandy," she exclaimed, "what ever has put into your head to be a soldier?"

"Weel, it's this way," he explained. "I've been giving a penny a week to the comforts fund for two months now, and I'm joining up to get my parcel!"

Father took his small son to church. At one stage of the service the clergyman announced:

"We shall now sing hymn number two hundred and twenty-two. 'Ten thousand times ten thousand.' Two hundred and twenty-two."

The puzzled lad nudged his father.

"Dad," he whispered, "do we have to work this out?"

Two air-raid shelters have been constructed in the Vatican, the official residence of the Pope in Rome.

HELP GET RID OF THAT COUGH-COLD THE QUICK EASY WAY

The Buckley way. The new improved Buckley formula now all medication—no syrup, not only brings quicker relief but gives you more for your money. But be sure it's the genuine . . . 41-1

BUCKLEY'S MIXTURE

MODERN ETIQUETTE

1. Is it proper for women to shake hands with each other when being introduced?
2. Where should one place the pits when eating olives?
3. Should the listener to a conversation gaze constantly at the speaker?
4. Does good form demand that an announcement of an engagement be made promptly?
5. How should one eat cheeses?
6. Is it a hostess' duty to see that conversation doesn't lag?

Answers

1. Women may or may not shake hands with each other, as they prefer. Unless the one who is about to offer her hand is sure that it will be agreeable, she will do well not to be too hasty about making this advance. 2. Put the pits on the side of the dinner or bread and butter plate. 3. He should be attentive and look at the speaker, but not with a hypnotic gaze. Looking out of a window or off into space is disconcerting to a speaker and is a sign of ill-breeding. 4. Yes. This may be done by sending a notice to the newspaper, or by issuing engraved announcements to friends and relatives, or by means of an announcement party for the close friends and relatives. 5. Soft cheese should be spread on a cracker with a knife. Hard cheeses such as American, may be eaten either with the fork or the fingers. 6. Yes, it is her duty to direct the conversation. There must be no perceptible silences that make the guests feel as though their hostesses were tired and wish they would go.

Soviet Railway Gauge Handicap To Nazis

The difference in the gauge between the Russian and German railways has been a handicap to the Nazis. All their transport by rail has to proceed to the German end of the line and then be transshipped to Russian trains, which use a different width between the rails.

This has prevented the Germans sending Nazi rolling stock on into Russia in the wake of the army. And, as the Russians have been destroying their rolling stock or getting it back out of German reach, the Nazis have not been able to use Russian freight cars and trucks.

The original idea in making the railways of different gauge was to hinder a military invasion of Russia. Proof of the wisdom of the action is being had daily on the Russian front.—Windsor Star.

Just How Cold Is Soviet Winter?

Just how cold is it? Frosts begin in European Russia on Oct. 1 the ground is stone-hard by Nov. 15. Average temperature is 20 below zero in January and stays below till April, with occasional drops to minus 54, except along the Black Sea, where it may rise to 5 above. Winds of near-hurricane force are weekly affairs. Ukraine farmers expect frost as late as May 24. The Soviet June is recommended, however, by all Russian poets, regardless of politics. (P. S. The Winter lack of sunshine, vitamins and out-door exercise has an enfeebling effect on the Russian people, the books say).

HOW TO RELIEVE PILE TORTURE QUICKLY AND EASILY

If you are troubled with itching piles or rectal soreness, do not delay treatment and run the risk of letting this condition become chronic. Any itching or soreness or painful passage of stool is nature's warning and proper treatment should be secured at once.

For this purpose get a package of Hem-Roid from any druggist and use as directed. This formula which is used internally is a small, easy to take tablet, will quickly relieve the itching and soreness and aid in healing the sore tender spots. Hem-Roid is pleasant to use, is highly recommended and it seems the height of folly for any one to risk a painful and chronic pile condition when such a fine remedy may be had at such a small cost.

If you try Hem-Roid and are not entirely pleased with the results, your druggist will gladly return your money.

STOP Scratching Relieve Itch Fast or Money Back

For quick relief from itching of eczema, pimples, athlete's foot, scales, scabies, rashes and other externally caused skin troubles, use fast-acting, cooling, antiseptic, liquid D. D. D. Prescription. Greaseless, stainless. Soothes irritation and quickly stops intense itching. 35c trial bottle proves it, or money back. Ask your druggist today for D. D. D. PRESCRIPTION.

You GIRLS WHO SUFFER DYSMENORRHEA

If you suffer monthly cramps, backache, distress of "irregularities," nervousness—due to functional monthly disturbances—try Lydia E. Pinkham's Vegetable Compound Tablets (with added iron). Made *especially for women*. They also help build up red blood. Made in Canada.

Russians in Canada Mobilize For Victory

Canada's 35,000 citizens of Russian origin including 16,000 Doukhobors most of whom reside in Western Canada have mobilized their total strength not only to help the land of their adoption win their war against the Axis powers but to ensure success for the forthcoming Second Victory Loan Campaign.

The National Executive of the Russian Committee maintains 28 organizing and secretarial branches in Canada. Posters bearing Russian characters will, before the campaign proper begins on February 16th, be distributed among those Russian communities. Circulars in which Victory Loan literature has been translated from English into Russian will soon be distributed to all those 35,000 Russian Canadians. Russian language publications in Canada have undertaken to devote all the space required to publicize Canada's war aims and Victory Loan objectives in the Russian language so that not a single Russian Canadian may be without full knowledge in both directions.

This is the first time since Canadian citizens of Russian origin became organized in Canada in their own interests that they have volunteered as a united group to aid a national cause of this kind.

"We intend to give our whole strength to your campaign," said K. Okulewich, Organizing Secretary of the committee in a recent interview. "We want your Victory Loan Campaign to be an overwhelming success. We intend to help by distributing literature to our people prepared by us in the Russian language. We intend to send our organizers and even canvassers. When the campaign proper begins we intend to have our people volunteer their services to local campaign committees to help in any way possible. We command the support of every Russian Canadian in this country and we are satisfied that every man — and woman — associated with our organization will give his fullest support to this important Victory Loan Campaign."

Pilots Spend Leave Ferrying Bombers

Now we know the aerial equivalent for a busman's holiday.

Trans-Canada Air Lines reports that two of its pilots, Capts. George Lothian and Malcolm Barclay, are back at work again. Trans-Canada gave them a three months' leave.

They spent it ferrying bombers across the Atlantic.

There was no mention of what they did in their spare time.

Lend freely to stay free. Buy Victory Bonds.

RHEUMATIC

Aches and Pains

If just one bottle of Ru-Ma does not show you the quick, easy way to get real relief from rheumatic aches and pains, it costs you nothing.

Don't suffer longer; try Ru-Ma today and if you are not pleased with the results, your money will be refunded by any druggist. This is a generous offer to all rheumatic sufferers.

Need Stressed For High-Quality Seed

A warning to seed producers in Canada to prepare to meet the demands from European countries for high-quality grain seed to replenish war-ruined stocks was issued recently by G. A. Scott, assistant plant pathologist, Central Experimental Farm, Ottawa.

Speaking at the annual meeting of the Registered Seed Growers' Section of the Ontario Crop Improvement Association, at the King Edward Hotel, Toronto, Mr. Scott asserted that Canadian producers of healthy, high-quality seed were not now in a position to meet the demands that would undoubtedly be placed upon them after the war. He advised the seed growers to take every possible step toward that goal.

He told of experiments now being made at each of the five main experimental farms in Canada to produce foundation seed that would be free of seed-born disease such as rust and smut.

Work — Grow Slim

With all this talk of corsets and rubber shortage, it seems the first thing to do is to remember and be comforted in the knowledge that old Mother Nature provided every human figure, free of charge, with a good 2-way stretch girdle of muscles in criss-cross formation over the abdomen. See any physiology book or look at the human figure chart in the doctor's office. Moreover, this fine natural girdle of muscles may be developed by bending, kicking, stretching and other well known exercises from a loose flabby girdle into one that is taut, snug and firm enough to hold figure flat in front and comparatively small at the waistline, if man or woman is willing to take to serious daily exercise.

'Close Shave' Allen Gets a Bit Cautious

Having passed through all manner of escapes and experiences—including the sinking from under him of the British cruiser Galatea—while voyaging nearly 100,000 miles as AP correspondent with the British Fleet, Larry Allen made a solemn pledge upon arriving in New York for furlough:

"I am going to try," he said, "to learn to swim."

Inhabitants in Seattle, Washington, U.S.A., must buy a licence if they wish to keep a cat.

THROAT SORE? for common ordinary sore throat JUST RUB ON MINARD'S "KING OF PAIN" LINIMENT 35¢

In the manufacture of a fighter plane, 4,000 pounds of aluminum is used.

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BABY CHICKS

SIX BREEDS, CHICKS, CAPONS, growing Pullets. Descriptive catalogue, Monkton Poultry Farm, Monkton, Ontario.

PATRIOTISM, LIKE CHARITY, BEgins at home. Poultrykeepers on the home front need good stock for heavy production, for markets at home and abroad. Taking orders now February-March delivery cockerels (don't pass these up) chicks. Bray Hatchery, 130 John N., Hamilton, Ont.

BUTCHERS EQUIPMENT FOR SALE

SAUSAGE STUFFERS, MEAT Grinders, one third H.P. and Coffee Grinders, one quarter H.P. Write McLeach, A & P Food Stores, 135 Laughton Avenue, Toronto.

BAKERY EQUIPMENT

BAKERS' OVENS AND MACHINery, also rebuilt equipment always on hand. Terms arranged. Correspondence invited. Hubbard Portable Oven Co., 103 Bathurst St., Toronto.

CARS — USED AND NEW

MOUNT PLEASANT MOTORS Ltd., Toronto's oldest Chrysler, Plymouth dealers; three locations, 682 Mt. Pleasant Road 2040 Yonge St. and 1650 Danforth Avenue. Our Used Cars make us many friends. Write for our Free Booklet on pedigreed renewed and analyzed used cars.

ISSUE 8—'42

FARM FOR SALE

FOR SALE—183 HEAD OF STOCK, farm equipment, sufficient grain, 800 acre farm; ideal location for mixed farming, $26.00 an acre, $14,000 cash. For further particulars write John Davidson, Two Creeks, Man.

FARM EQUIPMENT

FEBRUARY SPECIALS — I have a few remaining bargains in Melotte Cream Separators, demonstrator and rebuilt models ½ used Grinders, 6" Fleury Engines; 22 and 38 H.P., Marshall and Deuts Engines; Lister Surf Portable Milking Machines; Myers Pumps and Water Systems; Gasoline Engines; a few Lister Tine and Link Harrows; used Basins at bargain prices; Melotte, Magnet and Premier Separator Parts in stock; Letz Mills and Parts and other used equipment. Save money. Purchase now while these bargains last. Write me today. S. A. Lister, Stewart Street, Toronto.

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LEARN HAIRDRESSING THE ROBertson method. Information on request regarding classes. Robertson's Hairdressing Academy, 187 Avenue Road, Toronto.

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FETHERSTONHAUGH & COMPANY Patent Solicitors. Established 1890; 14 King West, Toronto. Booklet of information on request.

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ELIJAH COMING BEFORE Christ. Wonderful book sent free. Megiddo Mission, Rochester, New York.

LEGAL

J. N. LINDSAY, LAW OFFICE, CAPitol Theatre Building, St. Thomas, Ontario. Special Department for farmers collections.

MEDICAL

A TRIAL — Every sufferer of Rheumatic Pains or Neuritis should try Dixon's Remedy. Munro's Drug Store, 335 Elgin, Ottawa.

SAWMILL WANTED

WANTED SMALL PORTABLE Sawmill. Write full particulars and best cash price to A. Baker, Gravenhurst.

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DON'T GIVE UP THE SHIP BEcause your factory cannot supply you with saleable goods during the War. Instead sell 200 guaranteed Household, Food, Farm products. Every home is a prospect. FOR FULL PARTICULARS AND CATALOGUE FREE: WRITE TO FAMILEX, 570 St. Clement, Montreal.

"PROTESTANT ACTION"

A monthly Journal of facts invaluable to British Protestants. $1.00 per year. Samples on request. 11 Glebeholme, Toronto.

RHEUMATIC PAINS

HAVE YOU HEARD about Dixon's Neuritis and Rheumatic Pain Remedy? It gives good results. Munro's Drug Store, 335 Elgin, Ottawa.

WOMEN WANTED

WANTED: WOMEN TO DO HOME sewing. Best pay. Postage paid on all work. Sent anywhere. Bontex Specialty Co., Box 27, Chase, B.C.

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After that, it became difficult to distinguish between captors and prisoners.