



Soviet soldiers with rifle and mortar await advance enemy panzer units, while exploding land mines (background) guard their right flank, according to Russian censor-passed caption.

What Science Is Doing

PLANKTON AS WAR-TIME FOOD

The food source on which all sea-life depends is plankton, tiny plants and animals which float in countless numbers in the ocean waters and are more plentiful in polar than in tropical waters. Plankton is the main food of whales, which obtain sufficient quantities by straining sea water through their teeth. The smallest of fish also eat plankton.

A proposal to harvest plankton and use it as food for persons and livestock as a war-time measure has been advanced by Professor A. C. Hardy, F. R. S., of University College, Hull, England. Plankton, he points out, consists of 59 per cent protein, 7 per cent fat, 20 per cent carbohydrates, 5 per cent of a shell-like material, and a small quantity of ash. The animal type contains 15 to 20 per cent of oil. He says the animal type has a nutritive value equal to the best meat, and the plant type equal to rye flour.

It would be possible, says Professor Hardy, to harvest the plankton economically in the lochs on the coasts of Scotland.

STAINLESS STEEL

The discovery that stainless steel can be made twice as easy to machine (cut, bore and saw) by the addition of a little of the metallic element bismuth has been announced by the Battelle Memorial Institute of Columbus, O. By this new process it is estimated that machining costs in defense manufacture can be cut by one quarter.

Russian Railway Double Tracked

One Russian life-line that has been brought up to date is the Trans-Siberian Railway, the great east-to-west artery. It has double tracks in excellent condition the whole way to Vladivostok, with large sidings in many places. It can carry vast quantities of materials from the coal and industrial areas in the Urals right up to Moscow and beyond. The railway from Baku and the Ukrainian wheat belt is also first-rate.

How Can I?

BY ANNE ASHLEY

Q. How can I launder quilts?
A. Make a generous lather with pure soap and a little washing soda and ammonia in enough moderately hot water to cover the quilt, and soak the quilt for half an hour. Press the dirt out with a wooden potato masher or a croquet mallet. Do not rub or wring. Rinse in the same manner. Hang on the line to drip, and shake often. When partly dry, beat lightly with a rattan carpet beater to lighten the filling. Repeat several times.

Q. How can I raise the nap of a rug that has become flattened from heavy articles of furniture?

A. Dampen a chamois, fold it several times, and place it over the mark. After the chamois has been there for several hours, the mark will have disappeared.

Q. How can I rid my house of spiders?

A. Saturate some cotton or cloth with pennyroyal and place it in the infested places to rid the house of spiders.

Q. How can I make a good substitute for maple syrup?

A. If the peeling of pears, or peaches, are covered with water, sweetened to taste, and boiled until about the consistency of syrup, it will make an excellent substitute for maple syrup, and is not expensive.

Q. How can I cause rag rugs and carpets to keep in better condition?

A. After the rag rugs and carpets have been washed, they should be dipped into a heavy starch. The rug will remain clean much longer and keep in better position on the floor.

1,000 Italians Go To England

Italians From African Prison Camps Sailed From Canada to Work on English Farms

One thousand Italian prisoners and seven officers sailed for Britain in the convoy which took the Canadian 3rd Division across the Atlantic.

They came originally from African prison camps where they volunteered to go to England to work on farms. Their own medical officers accompanied them.

"Some are just youngsters out of school," British Tommies who guarded them said, "They say they had only a month and a half of training before being sent to Libya to oppose our desert fighters."

"They're no trouble to guard. In fact you'd have a job to persuade some of them to leave. They're better off now than they've been for a long time, and as happy as any exile can be."

While at sea the seven officers were permitted the liberty of the ship. One of them, according to the British officer commanding troops, declared he would never go to war for Mussolini again under any circumstances.

Canadian National Railway Revenues

The gross earnings for the all-inclusive Canadian National Railway for the ten-day period July 31, 1941 were \$8,849,262 as compared with \$7,267,327 for the same period of 1940, an increase of \$1,581,935 or 21.8%.

Modern Etiquette

BY ROBERTA LEE

1. If a girl does not wish to dance with someone of her acquaintance it is permissible to refuse?

2. Is it permissible to use a handkerchief while at the table during a meal?

3. What is the most essential thing for a man to appear well-dressed?

4. Should one leave at once when visiting a friend in a hospital and another visitor enters?

5. Is it necessary to notify the hotel office in advance of one's intended departure?

6. If one is too busy to talk over the telephone is it all right to ask to be excused and say that you will call up later?

ANSWERS

1. Yes if she has some good reason, but she must make some polite excuse and not dance with anyone else during that dance.

2. It may be used if absolutely necessary; but if possible, try to avoid it.

3. No tailor can make a man appear well-dressed if he is not well-groomed. See that the hair, skin and hands are well cared for, shoes polished, linen immaculate, and the suit well-pressed.

4. Yes, leave at once when another visitor or the doctor enters.

5. Yes, and orders to the porter concerning the luggage and taxi should be made in plenty of time to avoid confusion at the last minute.

6. Yes, or ask the person to call again at a specified time.

HAVE YOU HEARD?

Mrs. Woop had died, and Dad wanted to put up some sort of memorial to her. A stained-glass window in the local church being suggested, Dad agreed, and left all arrangements in the hands of the minister.

At length the window arrived, and was fitted into position. Dad, in an unusually excited frame of mind, set out to view it.

The minister escorted the old chap into the church and, with a flourish, indicated the window, which depicted an angel.

"How do you like it?" said he. Dad gazed at it thoughtfully.

"No good," he grunted. "Why, what's your objection?" "It ain't a bit like the old woman."

Englishman: Do you know that the U.S.A. is sending thousands of tons of munitions to Germany?
 American: That can't be.
 Englishman: It's true—but they're getting the R.A.F. to deliver them.

Mother wanted to spend Saturday in town, and father, an accountant, reluctantly agreed to give up his golf and spend the afternoon with the children. On the return of mother, the father handed her the following report of the afternoon:

"Dried tears—9 times. Tied shoes—13 times. Toy balloons purchased—3 per child. Average life of a balloon—13 seconds. Captioned children not to cross street—21 times. Children crossed street—21 times. Number of Saturdays I will do this again—0."

"Does the sergeant know about this?" asked the colonel as he surveyed a barricade of sandbags that had just collapsed.

"Yes, sir," replied a private, "he's underneath."

A sugar-planter in Hawaii took a friend from the States to the edge of a volcano.

"That crater is 70,004 years old," he explained.

"How do you get the exact age?" asked the newcomer. "I can understand the 70,000, but how do you calculate the four?"

"Well, I've been here in the islands for four years, and the crater was 70,000 years old when I arrived."

"Your trousers look very creased this morning."

"Yes, I left them lying on the floor all night."

"Why didn't you hang them up?"

"Because I was in 'em."

Change of Diet For Jasper Beaver

Game wardens are following with much interest the work of the various beaver colonies in Jasper National Park. In many established localities these busy animals have depleted their supply of natural food of poplar. Strangely, the animals have turned to the spruce trees and are making quite a cleanup. In the Jacques Lake area they have made heavy inroads into the spruce groves. Around the shore of Lac Beauvert, in front of Jasper Park Lodge, the four-footed woodsmen have felled even some of the larger trees. Strange food for those who have so long lived on the poplar.

Apple Crop Less Than Last Year

The Dominion Bureau of Statistics preliminary estimates indicate reduction in 1941 apple, pear and grape crops compared with the 1940 yield.

The report said "slight to substantial" increases are indicated for stone fruits.

The probable 1941 apple crop is estimated at 3,884,200 barrels compared with 4,292,300 in the previous crop year. Production gains are indicated for Nova Scotia and New Brunswick, but the crop in Quebec, Ontario and British Columbia is reported below last year.

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CHANTECLER
Cigarette Papers
MADE IN CANADA

Scratching
Believe
Can't sleep? Tired
easily? Anxious?
For quick relief from itching of eczema, pimples, athlete's foot, scabies, rashes and other externally caused skin troubles, use fast-acting, cooling, antiseptic, Itch-Relief. D. B. Prescription, Greenidge, St. Louis. Soothes irritation and quickly stops intense itching. See trial bottle promptly or receive back. Ask your druggist today for D. B. D. PRESCRIPTION.

Nervous Restless Girls!

Cranky? Restless? Can't sleep? Tired easily? Anxious? Female functional disorders and monthly distress? Then take Lydia E. Pinkham's Vegetable Compound, famous for over 60 years in helping such rundown, weak, nervous conditions. Made especially for women. WELL WORTH TRYING!

Another Appeal By Post Office

Use of Ink Rather Than Pencil Advocated For Overseas Mail

A bulletin urging everyone addressing mail to troops overseas to write the address always in ink has been issued by the Post Office department. It frequently has been found that pencil written addresses become smudged and unreadable during the course of transmission making it very difficult for the Canadian Postal Corps to effect delivery. When ink is used there is less danger of the address fading or becoming obliterated, it is pointed out.

The bulletin also points out that letters, parcels and newspapers for troops overseas should be addressed as follows: Regimental number, rank and name; name and detail of unit (i.e. company, section, squadron, battery, holding unit, etc.); name of regiment or branch of service; Canadian Army Overseas.

To a soldier still in Canada, mail should be addressed as above except the last line where the name of the place in Canada where the unit is stationed should be placed.

LUNCH HOUR IN HURRICANE PLANT



"Kitty Hawker," the plant mascot, comes in for her share of the eats, as aircraft workers of the Hurricane manufacturing plant, in Fort William, stop for lunch. This plant is now turning out fifteen fighting planes a week and "Kitty" is proud of the achievements of her "co-workers."

Ship Makes Record

The Tyneside shipbuilders and engineers in Messrs. Swan Hunter and Wigham Richardson's yard share with all hands on board H.H. Flotilla Leader Tartar of the Tribal class, intense pride in the astounding steaming performance of that ship, which claims to be the first to have completed 100,000 miles at sea since the outbreak of war, in addition to having done 200 days' sea time and to having earned for herself a magnificent reputation for fighting efficiency.

These figures were not, of course, contrived without many breaks, but the wonder is that they were contrived at all.

Religious Habits Old and Modern

In an address broadcast from St. Martin-in-the-Fields in London, England, the Rev. Eric Love, day suggested that many of our habits in religious thinking and worship are summed up in the words of an old Scotsman who said: "When I was a young man we gathered on the hillside in all weathers, and standing there bare-headed sang 'Praise God from whom all blessings flow.' Now I am a member of the most popular church in my city, where the pews are so comfortable that you could sleep in them, and we sing 'Art thou weary, art thou languid, art thou sore distressed?'"

...CLASSIFIED ADVERTISEMENTS...

AEROMATIC METER
 NORTHERN BEAUTIES CHOICE. Large, Dark, Silky, Heavily Furred, Pedigreed Kitts. Ramona Mink Ranch, Markham, Ont.

AGENTS WANTED
 ANKER-HOLTH CREAM SEPARATORS and parts stock moved from Toronto to London, Ontario. Write to John C. Dent, 337 Central Ave., London, Canadian Distributor. Supervisors and Agents wanted.

ANIMAL PET STOCK WANTED
 WANTED — TAMED, UNINJURED young wild animals and birds.— John Wood, 2722 Yonge Street, Toronto.

BABY CHICK REMEDY
 SAFEGUARD YOUR POULTRY with Chicko Solution. Prevent white diarrhea in baby chicks, for Blackhead disease and removing cecal worms from your poultry. Postpaid, 25¢. N. C. Cartman and Co. Chemists and Druggists, Roblin, Man.

BRAY FALL SERVICE BULLETIN
 soon off the press. If you don't get your copy, be sure to write. Orders for fall chicks being taken now. And we've a few ready-to-ship pullets left. Bray Hatchery, 120 John St., Hamilton, Ont.

BUSINESS OPPORTUNITY
 SELL OR TRADE ONLY HOTEL in good town near large military camp. Good repair. Twenty bedrooms. Hugh McKenzie McCallum, Truro, Nova Scotia.

FREE GET OFFER
 LADY'S OR GENT'S WATCH, Camera, Clock, etc., given for selling Dr. Lewis' Shampoos in your district. Write now, Normand Products, 1405 Peel Street, Montreal.

HOUSEWIVES!
 FOR MODERN CANNING OF fruits and vegetables and preventing from spoiling. 2 packages postpaid 25¢. Western Canning Compound Co., Box 2101 Winnipeg, Manitoba.

HOOF TRIMMERS
 HOOF TRIMMERS, 30 INCHES, satisfaction guaranteed. \$2.25 delivered. Matt Wolowidryk, Venn, Sask.

FOR SALE
 IRISES, LILIES, PEONIES, TULIPS, Daffodils, Narcissus, Nockery and Perennial Plants. Numerous Varieties and Colors. Sensation. New Introductions. Our descriptive Autumn circulars are again ready. Copies mailed on request. James Seeds, Lindsay, Ontario.

FUR FARMING
 NORTHERN BEAUTIES CHOICE. Large, Dark, Silky, Heavily Furred, Pedigreed Kitts. Ramona Mink Ranch, Markham, Ont.

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

LEAF TOBACCO
 FOUR POUNDS BURLEY AND VIRGINIA Leaf for pipe \$1.35. Five pounds Fracant Virginia Leaf Cigarette Tobacco \$2.50 postpaid. Natural Leaf Tobacco Co., Leamington, Ontario.

MEDICAL
 DON'T DELAY! EVERY SUFFERER of Rheumatic Pains or Neuritis should try Dixon's Remedy. Munro's Drug Store, 235 Elgin, Ottawa.—Postpaid \$1.00.

8 — "LARJA" PRINTS — 25c
 ANY SIZE ROLL DEVELOPED and eight double size prints for only 25¢. Reprints 2c each. Special bargains in Enlarging. Colouring etc. All work guaranteed highest quality. Baker Print Co., Box 1, Hamilton, Ont.

PRESERVING LABELS
 ATTENTION HOUSEWIVES—Know your Preserves and Pickles. 100 Assorted Labels 10c. 500 Labels 25c postpaid. Lewis' Printing, Station H, Toronto, Canada.

PORTABLE SILOS
 "PAY FOR THEMSELVES" THE first year in many cases through increased milk production and healthier cattle by feeding ensilage instead of corn. FODDER. KEENEY'S PORTABLE SILOS will keep ensilage perfectly and last indefinitely. The cost is small, and they can be easily erected in a few hours on any level ground. Made in 10, 12, 14, and 16 foot diameters holding up to 33 tons. Approved by all dairy authorities. For full information and prices, write the KEENEY FENCE COMPANY, Owen Sound, Ontario.

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 Your film developed and each print enlarged to 4 x 6. 30c. Reprints, same size, 8 for 30c.

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 183 King East, Dept. 7, Toronto

ISSUE 34—41

SAW MILL
 GOOD SAW MILL FOR SALE. cheap. Capacity 19 to 15M daily. David B. Ritchie, Parry Sound, Ontario.

RHEUMATIC PAINS
 PROVEN REMEDY — EVERY SUFFERER of Rheumatic Pains or Neuritis should try Dixon's Remedy. Munro's Drug Store, 235 Elgin, Ottawa. Postpaid \$1.00.

SALESMEN WANTED
 AGGRESSIVE SALESMEN TO SELL one of Canada's most outstanding lines of made-to-measure clothes. Allotments of territories now being made for Fall. Complete outfit will be supplied to men who can produce results. Give complete details and write today to: Jack London, Value-first Clothes, 400 Atlantic Ave., Montreal.

SALESWOMEN WANTED
 PROFITABLE OPPORTUNITY FOR women supplying demand for Families. FAVORITE'S. Foods, Spices, Household Remedies, Toilet Articles, etc. On market over 15 years. Write immediately for territory and wholesale proposition. Attractive catalogue Free. Mrs. G. St. George, 570 St. Clement, Montreal.

SCALP TRAIL CORRECTED NEW HAIR PRODUCED
 Neighborhood treatment produced such remarkable results that thousands were soon using it across United States. The new spreading entirely by word of mouth and letters. In Toronto dandruff falling hair severe scalp trouble has been eradicated. New hair produced. Write for free advice and evidence. Agents wanted. Woods Products, Dept. B, 387 Jane, Toronto.

QUILTING
 QUILTING PATCHES. GOOD QUALITY. Prints and plain broadcloth.—20¢ in. Postage extra. Consult your Postmaster about rates. Textile Jobbers, Maud Street, Toronto.

SNAPSHOTS TO-DAY TREASURES TO-MORROW
 Your films are carefully and scientifically processed by Imperial to make sure they last.

6 or 8 EXPOSURE FILMS 25c
 with beautiful enlargement free. 8 reprints with enlargement 25c. Thousands of letters from satisfied customers testify to our superior quality and service.

Dixie is economical— you cut it as you use it— There's no waste.

DIXIE

PLUG SMOKING TOBACCO

Business As Usual

German firms in Shanghai, lost \$60,000,000 in war materials en route through Russia to Germany, when the Russo-German war broke out. On a quest for new customers, it was said, one German concern has sold 30,000 pairs of military boots, ordered by the Nazis, to Russia.

New Industry From Belgium

Antwerp Factory, With Key Men, Brought to England Before Nazi Invasion of Belgium

Another new and valuable industry has come to England with the Belgians. Antwerp used to send across the Channel instruments, prepared by a patent process from crushed diamonds, for making tungsten carbide tool tips, optical glass and porcelain articles, and these were important in the war effort, too. A new development is the making of dental instruments almost entirely controlled by Germany up to the war.

Just before the Nazis overran the Low Countries the Antwerp factory was brought to England with its key men. These diamond craftsmen of Belgium have settled down in complete friendliness with their English fellow workers, and the output of their new factory has had to be multiplied many times. Much of the work, such as diamond sorting, crushing, grading and perfection can be done by men partly incapacitated by war injuries.

Preparations are now being made to develop the new factory's products for the United States, the Dominions, Crown colonies and several neutral countries.

CREAM

Butter markets are up — Cream prices are higher — Cash in on these better markets. There is no better place to ship cream than here.

MACFEETERS CREAMERY TORONTO

DRY CROUCHAGES
 JUST RUB IN MINARD'S KING OF PAIN LINIMENT