What Science

Is Doing

REBUILDS ARTERIES

A major discovery in surgery, method of rebuilding arteries

by using sections of veins as spare parts, was reported last month by Dr. Gordon Murray, of

This kind of new internal pip

ing, long sought by surgeons, is made possible by a new drug, heparin, which triples the length of time that human blood takes

was developed by a group of Canadian physicians headed by Dr. C. H. Best of Torento, co-

ALCOHOL AND ANGINA

An injection of pure ethyl

cohol into the neck to cure the

pain of angina pectoris, one of the serious forms of heart disease,

low of Chicago.

I: gave complete relief in 40

partial relief in another 35 per

INFLUENZA CONTROL

nose secretes a substance which will make certain disease viruses harmless may open the way to ef-

fective medical control of influ-

enza. The three scientists found that a chemically purified secre-

tion of the normal human nose inactivated every kind of influ-

enza obtainable there for test

Ontario's Prison

als and Sentences

Population Down

Rapid Reduction Experienced

In Province Both in Commit-

Ontario's prison population

which rose to an all-time high

during the year preceding the war, is following the trend of the first Great War and shows a ra-

pid reduction in both committals and sentences, C. F. Neelands, Deputy Provincial Secretary,

Deputy Provincial Secretary, stated in his annual report. 33,075 COMMTTED FOR TRIAL

Mr. Neelands' report to Provin

cial Secretary H. C. Nixon show-

ed that 33,075 were committed

A discovery by three Austral-

. •

cent. Angina is a painful hear trouble.

was described by Dr. Samuel Per

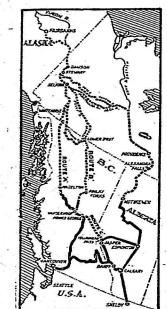
the University of Toronto.

to clot.

## Moving Mountains

That the Alps are moving rapidly to the north along a 300-mile front, causing the plains in front to sink into the earth under their irrestible weight, is the opinion of an eminent scientist. The same thing is happening the Himalayas, which are creer ing south. But although in geo cal time they are moving swiftly, the actual rate is only a few feet each year. All the time the world is undergoing change The Thames was an undergroun river 10,000 years ago, for a for mer bed has been discovered six ty feet below the present one. So a million years hence inhabitants of this planet will not be able to recognize their territory by looking at maps of to-day. Everything will be different, for a river like the Mississippi shift ough sediment into the Gulf of exico each year to cover the cities of Manchester and Liver pool in a three-foot layer.

### Joint U.S.-Canadian Commission Studies Routes



The above map shows the four proposed routes for the Alaska highway. Solid lines represent roads already constructed. Brok-en lines show proposed high-

# - HAVE

from the preceding year's number and 26,543 were sentenced. The reduction in this category was 1,383. When Sir George Reid, a man prominent in Australian politics, was made knight commander of St. Michael and St. George, he was 1,388.
"Strangely," the Deputy Minister said, "the all-time high for the period 1914-1918 was established during the year preceding that war also. Then after the first year of that was the first year of that was the same that the same that was the same that wa was rather embarrassed by h new dignity, for he liked to b referred to as plain George Reid year of that war the number rap-At one of his meetings someon idly decreased until 1917. At that point the decreasing number of criminal and civil committals and Without a moment's hesita Keep calling me George. tences, making the total number

Sign on a coal truck—
"One good ton deserves
another."

Here is another Lewis Carroll parody - this time of "The Wal rus and the Carpenter":
"I feel for you," the Fuehrer said,
"I deeply sympathize." With sobs and tears he sorted

cut States of convenient size, Holding his pocket handkerchief Before his longing eyes.

"May we now live in unity?" But answer came there none, And this was hardly strange, be-He'd eaten everyone.

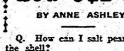
White-haired Lady - "Ah, me, things aren't at all like they used to be. The only time a modern mother puts her foot down is when the traffic light turns green."-

Throughout the night her husband had been muttering "Flor-rie," and at breakfast she tackled him. "Florrie?" he echoed. "Oh,

that's the horse I backed yester-A day or two later a letter ar-

rived and wifie opened it. When hubby came home that night she handed it over to him. "Your horse has written you," was all she said. A Chinese cook was tak-

ing a walk through the woods when he noticed a grizzly bear following, smelling his



Q. How can I salt peanuts it

roast. Q. How can I make a good A. Dissolve I ounce of powdered borax in ½-pint boiling water. When cold, add 4 ounces of precipitated chalk and beat until smooth; then add 1 gill of alcohol. Bottle for use. Shake

thoroughly before using. Q. How can I renew old lace? A. Squeeze the old lace in hot, soapy water, then in cold water, then in milk to stiffen it. Press it on the wrong side.
Q. How can I take the fire out of a burn?

furniture before storing it away for the winter months? A. Rub the furniture well with boiled linseed oil; this will improve the color of the wood and prevent its cracking. A. To soften a used paint brush, boil it in vinegar. If the brush is very full of paint, boil it the second time.

## Modern Etiquette BY ROBERTA LEE

1. If a young man sends a girl a box of candy or flowers, but she is not in the least interested in this man, is it necessary for her to write and thank him? dinner partner are at the table. must they devote all their con-versation to each other? 3. What is the most becoming color for a blonde woman with a

cort, and wishes to leave the table to go to the rest room, what should he say?

5. When a girl wears a man's fraternity pin, does it imply that

fair skin?

courage his attentions. 2. No, it is not necessary. 3. Probably black. 4. "Will you excuse me? I'll be right back." 5. Yes. While this is not always true, the implication is there. 6. Never. White s for the virginal bride. -

For the year ending March 31, In agricultural fairs and exhibitions held throughout the Dominion in recent years no feature has been for trial, a reduction of 1,839 more outstanding than the work of the Boys' and Girls' Farm Clubs, says the Kitchener Record. This junior division of Canadian agriculture is composed of the many and varied junior farm clubs in all the provinces; the provincial and district grain, potato, calf, poultry and other clubs are co-ordinated through the meditm of the Canadian Council on Boys' and Girls

sentences was offset by an in-

Hospitals Facing Doctor Shortage

reasing number of military ser-

approximately constant."

of the procedures.

to a high standard.

and are falling back on nurses for some interne duties," said Dr. Agnew. FEELING THE PINCH Discussing the question of in-travenous injections being given by trained nurses, he said that

method of caring for patients has become considerably more in-tricate during the last few years. The prevailing type of hospital procedure calls for more internes as follows: Intario ..... 29,080 than in the past, he said, but the 27.220 supply is limited owing to the limited capacity of medical schools to turn out doctors. Nova Scotia ..... Nurses are therefore doing many



## How Can !?

water. Allow to dry and then

A. Make and apply a paste of baking soda and water.

bout said.

## "Athenia" Life-belt A life-belt in good condition,

Cape Ray is at the southwest corner of Newfoundland, flanking Cabot Strait where part of the St. Lawrence flows out to

King Rallies Greeks



"I expect every Greek to do his duty," declared King Georg of Greece in a special proclam tion broadcast calling on th ers. The king went on to say, "The nation is united and will fight as one man — will fight for its altars and its homes to final victory."

## Feathers On Hats Menace Bird Life

Pinions From More Than 40 Species of Wild Birds Are Being Offered Illegally For Sale-Used In Women's Millinery

North American bird life face its worst threat in the last three decades because of renewed exwomen's hats, according to Richard H. Pough of the National Audubor Society, New York. Feathers of more than 40 species wild birds are being illegally offered for sale. Mr. Pough charge following a survey of milliner, shops in New York.

THERE ARE "LEGAL" FEATHERS! "The remedy is fairly simple fo hose who do not care to partici pate in or give encouragement he illegal traffic," Mr. Pough said. There are legal feathers, and any purchaser of bird plummage hasright to demand that she be given ositive assurance that the feath ers on her hat are within the law."

## Fox Changes Color

MIDDLE-AGE WOMEN ED THIS ADVICE !!

Quebec Department of Agri culture Sponsored It As Source of Revenue to Farmers in L'islet County

A new branch of the farming is dustry, the cultivation of turning, has been started in L'Islet county ulture, says a story in the Mor treal Star. It has already proved to be an important source of revenue Minister of Agriculture and of Col-Joli and St. Eugene. Premier Godbont, who is also

large scale, as part of his policy of encouraging general gardening as a means of improving the posi-Agricultural experts were sent to the county from Quebec and 25 farmers in Port-Joli and St. Eugene

farmer, it is to be encouraged

she is engaged to him?
6. Should a widow, upon a second marriage, wear white? Answers

1. Yes, but try tactfully to dis-

Junior Farmers Developed By Clubs Throughout All Can-

FORM NEW LEADERSHIP The reason for the spectacular success by the clubs in the com-

Due to Absorption Into War Services - Toronto Medico Says Nurses Are Performing Interne Duties

Canadian hospitals are faced with a shortage of doctors caused by the demands of the services for medical men, Dr. Harvey Agnew, of Toronto, told the British Columbia Hospital Association at its annual meeting.

"Larger hospitals as well as smaller ones are feeling the pinch

A count by the United States Foreign Service last week revealed there are 181,765 citizens of the United States residing per foundland. They are spread out

New Brunswick \_\_\_\_\_ 2,343 Scratching leth fast

### Turnin Farm Is Successful

Minister of Agriculture and of Col-chization, is credited with having personally introduced the cultiva-CULTIVATED ON LARGE SCALE

alone are assured of big crops of turnips this fall.

"The importance of vegetables in the diet of human beings is em-phasized by health specialists, and therefore, besides the economic

# Fisherman Picks Un

marked "Athenia — London" was picked up by fisherman Isaac Shortt off Cape Ray, Newfoundland, last menth.

sea.

The Athenia was torpedoed by an unidentified submarine on th first day of the war, Septembe 3, shortly after sailing from British port for America.

4. When a girl is with her es-

## Farm Boys, Girls Learn By Doing

### readily apparent, for not only have of Canada produced exhibits of the highest quality but by their ardor and enthusiasm they are giving a new leadership to Canadian agri-

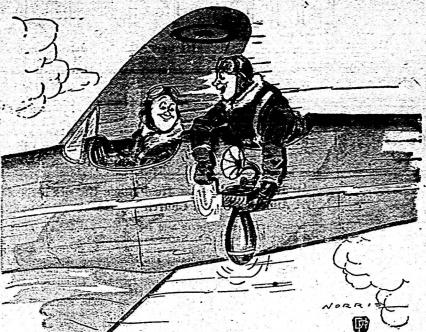
There are many projects embodied in the program of these junior clubs, such as livestock, field crops, horticulture and home economics duction in one area has been revolutionized. In other districts, livestock and grain have been raised The Boys' and Girls' Farm Clubs

represent an active membership of nearly 40,000. The motto of the clubs is "Learn to Do by Doing." 181.765 From U. S. Live in Canada

The Arctic fox changes colour to allow for the varying intensity of light in different seasons. It s powdery blue in summer and snow-white in winter. The golder tiger make it almost invisible against its background of high, rank grass.

Thousands of women gosmiling thru "trying times" with Lydia R Pinkham's Vegetable Compound—fainous for ever 60 years in relieving female functional troubles. Try iti

## IN LIGHTER VEIN: Music From The Spheres



"It's my own invention. It doesn't scream, it doesn't whistle-it just plays "There'll Always be an England"

# TOPICS

Prevention of Throat Infection Thymol, a substance allied

phenol (carbolic), but with 25 times the antiseptic strength of the latter, is strongly advocated as a gargle and mouth wash in the prevention of raw sore throats and of tartar of the tooth in persons subject to these ailments.

In every mouth left undisturbed for some hours-for example during sleep — a varying amount of white substance grows on the tongue and other mouth surfaces and accumulates around the teeth. This consists of a thread like plant called leptothrix, in th meshes of which may be numerous germs and cells. This, plant if not removed, will grow ra-pidly and form a hard tartar on

the teeth which can be removed only by a dentist's sharp instrument. Such removal is necessary otherwise the teeth and gums will HELPS KEEP TARTAR AWAY People ctherwise meticulously clean in their habits habitually neglect their teeth; the brush, used in a perfunctory rub, is allowed to become filthy and possibly does more harm than good.

Many persons are continually troubled with a raw sore throat, aggravated in some cases by smoking particularly if cigarettes are used; in these individuals a lution of thymol in water as a | Canadian National mouthwash and gargle, is a most HOW TO PREPARE IT

The solution is prepared as follows: the crystals of thymol, placed in a muslin bag, are put into a wide-mouthed bottle and cold water added. Soon there will be a saturated solution of the drug. From time to time more cold water is added until all the crystals have disappeared. Then more crystals are added. Thymol is inexpensive. An ounce, costing no more than a few cents, will make nine gallons of solution

If the solution appears to be too strong, that is if it "bites the tongue or throat, water may be added. When ready, the solution is used as a gargle and

Lists Ten People Most Interesting

John Gunther, world-roving historian, lists these "ten most interesting people whom I have come to know"—Archibald Mac-Leish, poet and Librarian of Congress; Winston Churchill, Prime Minister of Great Britain; Sinclair Lewis author and play clair Lewis, author and play-wright; Dr. Wilhelm Stekel, psy-chotherapist of London, formerly chotherapist of London, formerly of Vienna; Madame Chiang Kaishek, wife of the Chinese Generalissimo; Mahatma Gandhi, Indian leader; The Duchess of Windsor; Leon Trotsky, Revolutionist; Eamon De Valera, Irish statesman; and H. G. Wells, Britstatesman; and H. G. Wells, Britsh

## Railways Revenues

The gross revenues of the allways System for the week end-.....\$5,201,981 compared with \_\_\_\_ 5,192,453 for the corresponding

period of 1939, an in-

### Mexicans Original Juice Drinkers

While Canadians are now become ing great juice drinkers-tomato juice, pineapple juice, orange juice, apple juice, grapefruit juice, etc. — the Mexicans have been doing this for centuries.

Delicious "refrescos" are made
and drunk by the entire population, by the simple process of mashing to a pulp the meat of fruits in season, adding a little iced water and sugar to taste. Mexicans take "refrescos" made of watermelon, cantaloupe, man goes, peaches, apricots, pine-apple, all sorts of berries, wild apples and plums, papaya, orange, tamarind and dezens of other fruits.



## ... CLASSIFIED ADVERTISEMENTS ...

FARMS FOR SALE

SEVERAL CHOICE STOCK FARMS, near London, Ontario. B. Coote, Barrister. 1385 Duñdas Street, London, Ontario.

SALT-DALE FARM, 200 ACRES, 75 acres alfalfa, 15 acres grapes, St. Catharines, 4 miles, Alf Hack, Route 1, St. Catharines, Ont.

FOR SALE—240 ACRES, DAIRY OR Tobacco. farm, belonging to the estate of the late Alex. Anderson: gravel loam, good buildings, quantity of timber, Hydro and water installed, adjacent to the city of St. Thomas. Apply William M. Anderson. 292 Talbot Street, or Warren S. Anderson, RR. No. 4. St. Thomas, Ontario.

INVESTMENTS

CAPITAL — EXPANSION LUMBER Manufacturing, war purposes. Fifty years timber supply, mainly White Pine. Experienced manufacturers, new modern mill. capacity ten million, preferred security, repayment guaranteed. Box 19, 73 Adelaide W., Toronto, Ont.

PHOTO FINISHING

FREE! You Can Now Own

absolutely free by sending; your films to imperial. Send an order now and receive complete particulars of this amazing offer. Six or eight exposure films developed and printed 25c, or 3 reprints 25c, plus your choice of a free enlarge, ment in easel mount of free silverware. To get the best in quality and service send your films to imperial. Photo Service. Station J. Toronto.

MACHINERY POR SALE

AGENTS WANTED Canada's newest pictorial mag-nazine has an opening in your town for a part time representative, male or female. No experience necessary, just mail a post-card listing a reference and full par-ticulars will follow by return mail. Address to G. Dunne, Suite 611. Sterling Towers, Toronto.

GENTS SELL A PATENTED necktie, direct to the customers. Write Station K Box 23, Toronto. AGENTS WANTED RAPHOIL CONCENTRATE. BIG profits. Supply farmers, service stations, and motorists in your

> FEMALE NINETY CENTS AN HOUR FOR Two \$1.00 sales of FAMILEX PRODUCTS selling as easily as bread and butter! Your earnings in accordance with the amount of time and effort you put into your work. Apply for Free catalogue and particulars, G. St. George, 570 St. Clement Street, Montreal

BABY CHICKS ORDER BRAY CHICKS NOW FOR November-December delivery. A few pullets still available Bray Fall Service Bulletin and Daily Special, for the asking, Bray Hatchery, 130 John North, Humilton, Ont. DOGS FOR SALE

ENCYCLOPAEDIA FOR SALE

ELECTRICAL LECTRIC WATER SYSTEMS: Pump only, \$30.50. Complete sys-tem \$75.00. Write for folder, Waugh and MacKewn, London. HOUSE WANTED

WANTED HOUSE OR COTTAGE, good condition with two or three bedrooms on ground floor, all conveniences. Will pay cash. State ull particulars, taxes. Box 25, 73 Adelaide Street West. Toronto. Guaranteed CAR AND TRUCK PARTS Used — New SPECIALIZING IN REGULET MO-TORS, POWER-UNITS Hydraulic H o I w Wiseles. Generators, Starters, Mignetos, Garburctors, Radiators — Exchange Service, Glass — Satisfaction or retund-Levy Auto-Paris, Dept J., Teronto.

WADE PORTABLE BRAST SAWS, easy to operate, a money-maker wherever there are logs to be cut. Write for free descriptive bulledin. The A. R. Williams Machinery Co. Ltd., 64 Front St. -West Toronto. TIGHLY RECOMMENDED EVERY sufferer of Rheumatism, Neuritis should try Dr. Dixon's remedy. Sold at Munro's Drug Store: 335 Elgin. Oltawa, \$1.00 postpaid. NEURITIS SUFFERERS FRUIT JUICES ARE THE PRIN-cipal ingredients in Dr. Dixon's Remedy for neuritis Sold only at Munro's Drugy Store, 335 Elgin, Ottawa, \$1.00 postpaid. LACE TABLE COVERS MAKE: AN IDEAL CHRISTMAS
Gift. Open work Lace beautiful
patterns, size; about 72" x '90"
\$2.55 prepaid. Order now as quantity limited. Will refund if not
satisfactory. General Trading.
Reg'd, Room 112, Gore Building,
Hamilton:

READING GLASSES - 12 pairs sent to test your order if suited them with your order if suited State age. Prices \$1.95 up. St. Clair Optical Co., 1255 St. Clair West

PERSONAL UIT SMOKING—TO SAVE MONEY and health. Obtain permanent re-lief. For remedy send one dollar to Anti-Bac Co., 73 Adelaide St. W. Toronto. Ont. PUPS FOR SALE

EWFOUNDLAND PUPS, REGIS-tered Stock, highly intelligent watchdogs, children's guardian, snapshots sentl John Somerville, STAMPS FOR SALE TAMP COLLECTORS. AM BREAKing up large collection at special discounts. Free crown colony cor-

nation set to approval applicants. Roy Pennell, 364 Brock Avenue. TRUCKS, TRACTORS NOTICE A FALL CLEAN-UP SALE of over 30 used Trucks and Trac-tors, also Diesel power units, chop-pers, etc. See us when buying equipment. Hannas International Sales Guelph, Ontagio.

PERSONAL SUPERFLUOUS HAIR SAFELY,
Privately removed Face, Arms,
Legs: Treatment \$2.00 postpaid,
plain wrapper. Guaranteed to
KILL roots with one application.
Canadian Chemistry Co., Wilkie,
Sask divisition the market

ATTENTION MOTHERS! WRITH today for full details how we can save you 10 to 15% and more on many every day needs for your home by using our Shopping Service. No obligations, Shopping Service Reg'd, 112 Gore Bldg. Hamilton, Ont. RABUTT FURS AND WOOL MARKET YOUR PREDIT FURS and wool at the proces. Bulleting free Write Canad an Small Breeds Association, Box 421; Toronto 3, Ontario, they speed to paid

USED CLOTHING

VE BUY, SELL AND EXCHANGE Modern Ladies and Men's second hand clothing, Wholesale, and Re-tail, 327 Queen St. E., Toronto. WATCH REPAIRS SPECIAL \$1.00 REPAIRS YOUR Watch complete guaranteed two WANTED: HATCHING EGGS WANTED — BY A RELIABLE
Hatchery, Hatching Eggs from
following breeds: Black Minorcas,
White Minorcas, Rhode Island
Reds, While Wyandottes, Columbla Wyandottes, Batt Orphingtons,
Brown Leghorns, Jersey Black,
Glants, Jersey White Glants, Black
Australorps, Large's premium gaid,
Rox Number 56, 73 Adelaide W.,
Teconto.

ISSUE 45-'40

## Egyptians Used **Wedding Rings**

Various Explanations of Igin of Ceremony Have Bee Offered - Gold Ring Intro

Various explanations have bee offered as to the origin of the use of a ring in connection with me the bridegroom to pass his four-fingers and palm through a large ring to receive the hand of the-

wedding rings appear to have been used by the Jews before the dawn of the Christian era, the ring being worn on the index or forefinger. Swinburne has stated that the Book of Genesis indicates that Rebecca may have been the first bride to wear a wedding ring.
Others hold Egypt to be the gradle of the wedding ring, Egyptian hieroglyphs representing eter and the ring denoting the unend-ing flow of mutual love and affecn between man and wife. In early Roman times a ring was given to mark the betrothal, probably merely as a pledge that a contract would be fulfilled. At first these rings were made of iron,

but in the second century the gold ring was introduced. Before the Reformation, the wedding ring in England was common-ly worn on the thumb, as is the erstom in India today. The choice of the third finger as the ring finger is said to have resulted from in old fanciful conceit that from that digit a vein or artery ran directly to the heart, and the choice of the left hand is said to result from the thought that the left is the hand of dependence, while the right is the hand of authority.

## There's A Trick To Using Perfume



And what's more Ann Rutherford knows what it is. Never does the starlet make the mistake of putting perfume on clothes or ever her hair. She puts it right on her skin. Behind the ears-on the palm of the hands and just a whiff across her lips. In this way the young actress knows that the true seent of the perfume remains intact.

## Art of Selling

Selling is an art not always practised on strictly ethical basis. Some years ago a newspaper carried an advertisement which read: "Millionaire, young, good looking, wishes to meet, with a view to marriage, a girl like the heroine in M—'s novel." Within twenty-four hours the novel named was sold out. On another conscious a body-really with hand occasion, a bookseller with hund-reds of sets of an obsolete history, magnificently bound in calf, sent them to prominent citizens, with a letter stating that there bound in cloth for \$5.00 and the other in limp calf for \$10.00. It stated that if the customer did not like the cloth edition, he could return it and send the extra amount for the better one. There was actually no cloth-bound edition, but each recipient imagined e had received a superior edition by mistake, so said nothing. entire stock sold out at a fine

farmers in building up their sheep country in war time, Dr. E. S. Archibald, Director Dominion Experimental Farms Service, addresse the Ottawa Valley Sheep Breeders' Association at the opening of the third annual sale of rams and sel-

confident in building up the sheep industry, because Canada at present: was a heavy importer of wool and lamb. He spoke of the responsibility of the sheep farmer towards meeting the war time needs for Eastern one-half breed typo wool which is in the greatest demand for war purposes.

Although the situation was not urgent at present with regard to meat supplies, said Dr. Archibald, all aveilable most would be requir-ed when Great Britain could import

## Natural Resources

(NO. 15) KEEP OUR LAKE TROUT Fish, like other creatures, muse adjusted to their habitat o their race will not survive. ist in cold water and one that is used to plenty of oxygen will die if placed in a stagnant pool. Our lake trout is a good example of this. It must have cold water, well aerated, for normal life but as it lives in our lakes, which warm considerably at the surface in summer, it has had to go down into the depths for part of the exygen so we find that the tront live at a medium depth where the

hroughout the fall. So, protec-Long continued angling is as destructive as poaching, shorter season and lower bag limits are necessary if we wish to presery

## Yukon's Many Wild Flowers

Variety of Species Up There Is Astonishing - Pink, Blue of which had already been execut-ed — the occupation of Rumania And Magenta Are Chief Coland Italy's preparation for a trans-

ume.
"Within 20 minutes' walk the heart of Dawson," writes Mrs Black, "even a fairly careless ob server of Nature's handiwori

flower or Northern Crocus thrus flowers vary in shade from deep-est purple to mauves and pinks,

to aid Greece was Turkey, a large sluggish streams.

"The brilliant cerise shooting stars, the saucy Dutchman's breeches, the wild Bleeding Heart —a tiny prototype of the culti-vated variety we all knew in our grandmothers' gardens - all these and many more are upon us in bewildering array as soon as sum mer sets in with its 24 hours of continuous sunlight. The floral colors of the north are largely generous splashes of yellow

### Skin Regulates Heat of the Body

The skin regulates the heat o

the body. Outside heat, as in th case of a warm bath, causes the nerves to send a message to the causes the blood-vessels to expand.
More blood passes through them,
and there is greater activity of Experimental Farm, Ottawa, recently. Dr. Archibald said the sheep breeders had every reason to be rid of the waste products more rapidly. Cold, on the other hand, acts in a reverse way, diminishing the supply of blood and less ening the perspiration given off. It is the evaporation of perspira-tion from the skin surface that aids largely in the regulation of temperature. The sweat, as a fluid, evaporates and passes off into the air, and thus removes a certain amount of heat from the body, thereby cooling the body at large. On an average a man's body gives off two pounds of perspiration a day.

water is cool and yet above the



## Should Build Up Flocks of Sheep

Canadian Farmers Are Called Upon to Meet Increased War Needs Stressing the responsibility.

in larger quantities.

# Saving Ontario's

stagnant bottom.

Protect Spawning Fish Frotect Spawning Fish
Lake trout are allied to the speckled trout. They grow large and 25 to 30 pounders are not uncommon. Their main food is herring and whitefish, though perch will be taken where these first two are lacking. These food forms can live in the depths and in cold water so the trout and in cold water so the trout finds food throughout their habitat. The angler, to catch these fish, must use a heavy spoon and a copper line, sending the lure down to where the fish live. Lake trout are found throughout

and are the mainstay of a con siderable commercial fishery the Great Lakes. The conservation of the lake trout depends on the protection of the spawning fish and on the stopping of over-fishing. They spawn on gravel or stony bar-late in the fall and the poacher use gill nets to catch them over the shoals. Such nets are de-structive and can take almost every adult fish in a lake if set tion against poachers should be the first step, then, we must see that only a lmiited number o trout are taken from each lak

involving the remaining Balkan na-tions, were expected immediately the outcome of the Greek campaign was decided. General Goering's There are orchids in the Yu kon — the Siberian, a large pur-plish pink bloom with white spots and a rare White Orchid—all to be found in great variety beneat the "slide" near Dawson. Ou authority, writes the Ottawa Journal, is Martha Louise Black former Member of Parliamen whose second book, "Yukon Wild Flowers," has just been publish ed. Co-starring with her in its preparation is her husband, Hon. George Black, K.C., M.P., who personally took the hundred pho-tographs which illustrate the vol-

may gather at least a hundred varieties of flowers, ferns and mosses.

"From the beginning of March, when the days begin to lengthen," we Yukoners are alert to discover the first sign of the Pasque ing its furry nose through the thawing ground, often still cover-ed with snow or ice. These brave with an occasional 'spot' of pur-est white. Of the anemones or 'wind-flowers' ther are numerous varieties, ranging from this Pas-que flower to the tiny yellow Water Crowfoot common in our

part of whose army was last week massed against the Bulgarian frontier. But several factors militated against Turkish fulfillment of her mutual defense treaty with Greece.
For one thing such action could bring Nazi treeps storming into Turkey from Bulgaria, and pre-cipitate a general Balkan war; for nother thing, Soviet Russia's policy of non-involvement in war might operate against Turkish par-ticipation. But supposing the Axis powers didn't attempt to take the Dardanelles, by passing Turkey in-stead by way of the Dodecanese Islands and Syria . . . would Turkey allow herself without protest to be

### What Happens When R.A.F. Raids Nazi Capital St. Lawrence, St. Pierre and M quelon . . . that internees and members of illegal organizations members of Illegal organizations were ineligible for public office in Canada. that Canadian soldiers were holding an important sector of the English coast, right in the front line. that Canadian troops might be sent to the Near East at a later stare in the Britle of 200 - B THE PROPERTY OF at a later stage in the Battle

4

Narrowly missing an important Berlin railway station, an R.A.F. bomb created this crater in the capital of the Reich.

THE WAR-WEEK-Commentary on Current Events

MAIN BATTLE DEVELOPS

IN THE MEDITERRANEAN

ean" was rudely elbowing the Forth time being, Moscow was silent on the Balkan situation, But

pre-occupied, as diplomatic rumor

which trickled through suggested,

with consolidating the Russian posi-

tion on all fronts. A new agree-ment with the Axis powers was

seen as not unexpected; but more

likely to come would be the signin

pan. (Moscow choiously was not forgetting for a moment that Jap-

anese troops still lined the Sovie

Manchurian border; that between 80 and 90 German divisions faced

the Red Army along the eastern

U.S. - Britain - China - U.S.S.R.2

That Stalin might be induced to join an anti-totalitarian bloc con-

sisting of Great Britain, the U. S

and China was the considered be-lief expressed last week by Chin-

ese circles in Singapore. These same sources declared that Stalin

would be interested in seeing the

rendered desperate by such a coal

ition against them. Positive knowl-

edge was claimed, said New Yorl

Times correspondent Hallett Al

of joining such a coalition.

U. S. Aid To Britain

by no means yet declared war on

the first year of the war: and

rom New York it was learned that

to Britain at the rate of nearly

500 a month, and that the number

was increasing . . . With the elec

European front).

of a non-aggression pact with Ja-

pages of the world's newspapers

last week, as the scene of war shifted southward and it became

evident that for the moment the

f the eastern Mediterranean and

the Near East. The great show

down test between the seapower of

Britain and the air power of the Axis was about to be witnessed.

The Italian invasion of Greece

prehensive program, the first parts

ewspaper, The Essener National

Zeitung, predicted the next Axis

step would be an attempt to sever British connections with Europe, Asia and Africa so that no port

in those continents would be open to British warships (ambitious un-

dertaking!) Other sources said that France and Spain would also

have a role in this plan.

The Axis' new grand strategy

undoubtedly was agreed upon by Hitler and Mussolini at their meet-

ing in Florence which followed a

lightning trip by Hitler down into France to confer at different points

and times with Franco, Laval and Petain. Hitler's Greatest Gamble

Was Hitler embarking on the greatest gamble of his career? If he could break Britain's control of

the Mediterranean he would be able to pile upon her a disaster

second in magnitude only to the smashing of England itself — so great that it likely would determine

the outcome of the war. Failure to achieve this goal, however, after his inability to crush England by

To By-Pass Turkey?

The only other power (aside from

Britain) conceivably in a position

surrounded, and her dominance of

icture would change overnight.

just about write his finish.

After Greece, What?

Britain's needs for three years" . . that private buying must be curtalled in Canada if the war pro that Premier Mitchell F. Hepburn intended going to the people sometime within the next year (re-elected to power in 1937, the Ontario Liberal administration does not have to call a vote before the summer of 1942). Within the past month three Dominion Cabinet min-

### VOICE OF THE PRESS

isters have visited Mr. Hepburn

. . . Ontario Conservatives, too, were getting busy last week . . .

NO SIGN OF APPEASEMENT By the way, has any reader ver seen a picture of Winston -London Free Press.

A traffic officer, says

speed exceeding 72 miles an hour is not uncommon on the Queen Elizabeth Way. Nor are the ac-

CHURCH ANNIVERSARIES

This is the season of church

to note that despite the war which has furnished many new avenues of service the work of

the church is not being forgot-

ten. And it is right that this should be so. In fact, never was

the ministry of the Christian

A MERE SPOONFUL come was extended by Mayor Hubbell. They were entertained Four hundred and sixty thouswith games and competitions, and on Sunday attended a church sumed in Canada in one year ... Now will you complain about taking one spoonful?

—Timmins Daily Press. parade of Chatham Scouts and Girl Guides. BOTH NOT UNCOMMON

The Bronze Cross, the Boy Scouts Association's highest re-

LIFE'S LIKE THAT

WILL-YUM

needed more than it is today. -Oshawa Time THE SOIL DRAWS THEM Seventy-five thousand people aw the concluding perform petition near St. Thomas. Was this evidence of curiosity only, or of keen interest in observing the basic industry engaged in its most important business: Tilling the land? There are few activities more -artistic than an experi plowman going about his work.

# SCOUTING

To Boy Scouts fell the hor ance was in Washington for the of providing a guard of honour for His Excellency the Governor-General, the Earl of Atl·lone, principal purpose of convincing the United States of the advisability by no means yet declared war on Germany, Secretary of Commerce Jesse H. Jones reported last week that the U. S. had shipped \$780. 000,000 of goods to Britain during

tion over, anything could happen. Before Parliament reconvened at Ottawa this week, it was learned mediate survey and other prelimnary engineering work in the St. Lawrence Seaway project ... Sad Losses At Sea Twas a sad day for Canada when news came through that the Can-adian destroyer Margaree, which replaced the ill-fated Fraser, had been sunk in the North Atlantic with the loss of 140 officers and

men; and that the Canadian luxury

liner Empress of Britain had gone

tion, with 45 missing. The Week in Canada Official and semi-official announcements on miscellaneou Canadian public featured the week: that young farmers whose military training was postponed in October would respond to the call November, 22 . . . that Canada was sending 400 motor vehicles a day to the entire Moslem world challeng-the United Kingdom . . . that Ot-ed? If Turkey moved, the entire tawa was keeping a wary eye on

the French Islands in the gulf of

the Mediterranean . . . that Can-ada had enough grain "to meet all

upon his first official visit to Mon-treal, October 7th. The sturdy, smartly uniformed party of 150 First Class and King's Scouts made a fine impression as they lined up in the Windsor station concourse to receive the Chief Scout for Canada. His Excel-lency formally inspected them cognition for gallantry, was awarded Scoutmaster G. Keens, for saving most of an ammunition train struck by a bomb during an air raid over southern England. The Scoutmaster called for volunteers, and in spite of flying shell fragments uncoupled and pushed out of danger all but six lency formally inspected them, and complimented District Com-missioner Robley Mackay upon

A practice of reciprocal visits between Canadian and American Boy Scout troops having the same troop number this year brought 30 members of Troop 3 of Detroit, Mich., to Chatham, Ont., as guests of the 3rd Chat-ham Sea Scouts. The visitors were met early on a September comprised a Sunday Scouts' Own Saturday at the city limits and paraded to a camp site at Vicervice, hikes to points of interest, boating and fishing, and finally a big campfire. The Canadian toria Park near the Chatham troop's headquarters, where meals were served them. A civic wel-Scouts were under District Com-missioner H. W. Ellard and the ecutive Sig Kilender of Duluth





Head bandaged, a victim of Nazi bombs, LEFT, sadly treads over a pile of rubble as no larges belongings from his London home. With a temporary dressing around his head, another air raid victim is led away by an A.R.P. warden after being dug from from the ruins of his home. He is carrying his dog who managed to get into a crevice of wreckage and more or less escaped injury. He was rescued with his master.

REG'LAR FELLERS - Free Demonstration

By GENE BYRNES



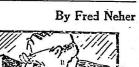




of a string of 51 trucks loaded with shells and explosives. Scouts representing Fort William and Port Arthur Troops were hosts to a party of American Boy Scouts from Duluth and Superior at the annual Lakehead International Labour Day week 13 tents was erected in the Department of Highways Park at Little Falls. The programme

A Great Energy Joo

Mediterranean countries, manufacturers may try to revive the





"Yesterday I was to be a success . . . Today I'm a failure . . .
Pretty fickle scales, I'd say! !"





