

## Saving Ontario's Natural Resources

THE EARTH CHANGES  
Last week I told of the different types of rocks that make up the earth. Repeating this, first, plutonified or heat formed rocks, for the most part the oldest; then stratified rocks that have been changed by the heat and pressure, the marbles, quartzites, and others; last, the unchanged stratified rocks, the sandstones, limestones and so forth. This classification is very simplified for we find in Nature hundreds of varieties and types of rocks.

Throughout the ages the earth has changed its outward form many times. Continents have risen from the seas, mountains have lifted their planes high into the skies and have been worn away to their roots. The seas have flowed over the lands and the lands have filled the seas. If we could look back over the 600,000,000 years since the earth was formed we would find that most lands have been uplifted and thrust down many times.

FROM MOUNTAIN TO SEA  
Wherever a mountain rises its peaks the work of denudation or wearing away is at work. Not only mountains but every bit of land is undergoing this denudation or wearing away. Water and the atmosphere are the tools that grind the rocks away. The resulting rock powder is the clays, sands and gravels of our lands. Gradually this soil is carried to the sea where it settles to the bottom, building up new land. So as the mountains and hills are worn away the sea bottom rises.

Gradually the balance of weight shifts from mountain to sea. When this reaches a certain point there is an adjustment, the weight at one place causing an upthrust at another until new mountains are formed. The process is continuous but it goes on until the highest mountains are raised and the work of denudation begins again.

## More Teachers Urgent Need

Threatened Shortage in Province Likely to Reach Alarm Proportions — Normal School Entrance Requirements Lowered

In the face of a threatened teacher shortage, due largely to enlistments by both teachers and prospective teachers in the armed forces, the Ontario Education Department has lowered the entrance requirements for normal schools.

The policy, a continuation of the one formed last autumn, was announced recently by Hon. H. C. Nixon, Acting Minister of Education. He said that, in view of the "increasing scarcity of teachers for public and separate schools," the possibility of a decreased enrollment in the Normal School classes next fall, applicants should be accepted if they have completed eight of the nine upper school papers hitherto required.

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## Buried Gold Lures To Eastern Shores

Buried treasure beckons to adventurous individuals and there are several spots along the coast of the Canadian Maritime Provinces where tradition has it that gold lies awaiting the fortunate searcher. Some time around 1760, the story goes, three French frigates were wrecked in the Richibucto River and each vessel had a consignment of gold. There is now a proposal to seek the buried treasure. Captain Kidd is credited with having buried treasure in many spots in Nova Scotia, one popular place being on Oak Island in Mahone Bay. Digging has been frequent but the results measured in actual gold have been meagre.

## Old Propeller Blades In Different Forms

What happens to old propeller blades? Trans-Canada Air Lines works them up into a variety of aircraft parts and keeps them flying. Since war started T.C.A. has manufactured much of its own equipment. The aluminum blades at the end of their service life become oxygen fittings, plumbing blocks, tank flanges, cabin fixtures, a host of minor parts. Propellers have even found their way into vacuum chambers for testing flight instruments.

## Strong Support for Churchill—Canada's Victory Torch



Prime Minister Winston Churchill appears to have some difficulty in attempting to move the Canadian Victory Torch, which recently arrived in London. It was presented to Churchill by Ian Mackenzie, Canadian Minister of Pensions, at No. 10 Downing Street.

## THE WAR WEEK—Commentary on Current Events

### Russo-German Conflict Reaches Decisive Stage; U.S. Moves Significantly

"I am sure that the great battle now going on in Eastern Europe will bring the turning point of the war on which depends not only the future of my country, but of the world." —Soviet Ambassador to Great Britain, Ivan Maisky.

"The United States cannot permit the occupation by Germany of strategic outposts in the Atlantic to be used as air or naval bases for eventual attack against the Western Hemisphere." —U.S. President Franklin D. Roosevelt.

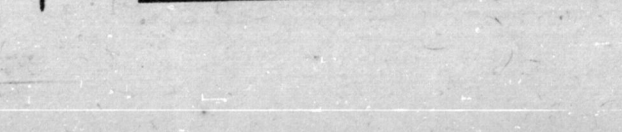
The most terrific battle in the history of the world rages week after week along the 1,300 mile front in western Russia as the Nazi machine hurled itself against the outposts of the "Sisain Line" and the Soviet defenders ferociously threw it back. The super-conflict approached its crisis. By many, the turning-point in the second world war was thought to be at hand. The middle of July would see the climax.

Not in the Nazi Plan  
The German schedule, it was reported, called for smashing of Russian defenses in the west by August 18. What that same plan did not envision was that an enormous price would have to be paid for the first small Nazi gains; that Germany would lose upwards of half a million men to the casualty lists before the blitz was two weeks old; and that the Russian army, having withdrawn almost intact to new defense lines, would be in a position to double those losses for Germany within the first month.

The odds seemed to be against the Russian. The German army was in a position to double those losses for Germany within the first month.

## REG'AR FELLERS—THE END

WELL, THIS IS THE LAST STORY AND THEN YOU HAVE TO GO TO BED. I'LL NEVER FORGET ONE TIME I WAS HUNTING IN AFRICA. I CAME FACE TO FACE WITH A GREAT BIG TIGER. I TOOK CAREFUL AIM AND—



## VOICE OF THE PRESS

### ONTARIO POTATOES

When grown and graded properly Ontario potatoes are as good as any. What makes it difficult to sell Ontario potatoes is the accepted fact that other potatoes are better grown and better graded. Perhaps the basic reason for this is that the Ontario grower's marketing methods are not as good as those of the grower in other provinces. Distance compels efficiency.

—Farmer's Advocate.

OF THE PRESS

### PATRIOTIC DIET

If we had to do without pork or pork products completely, we could do it, and now. There is, therefore, no hardship involved in the request that has been made in the way of the consumption of these commodities by fifty per cent.

### CITY AND COUNTRY

It is a matter of common observation that country-bred people are not more dull-witted than city folk. Rather have they stores of wisdom which the feverish distractions of town life do not breed.

### Dandelion Greens

Clip and keep the recipe for next spring: 2 pounds dandelion greens. Salt and pepper. 1 tablespoon butter.

### Wife's Thoughtfulness

On manoeuvres in the Chinese see war games, Lieut. Bogart Gutow got a jigger. He said that he had seen a Chinese soldier at his hour's labor, it read: "Don't work too hard."

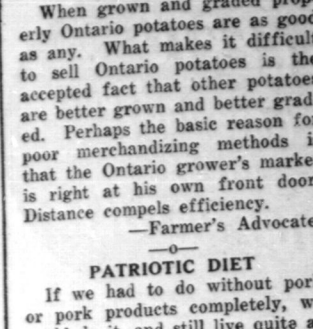
### Life's Like That

"MRS. PIP'S DIARY"  
"I'll call you back later, dear... There's a man at the neighbor's front door."

### School For Bees

Professor Vladimir Alpatov, of the Moscow State University, has been working on the scientific training of bees to pollinate certain plants. By feeding them with syrup smelling of flax, he claims that they fly to a flax field, leaving traces of the smell of flax which in turn attracts other bees.

## 27 of the Latest R.A.F. Photos FREE!



## Bee Hive Syrup

"I mean—it sort of goes up your spine."  
"Let's Go Away"  
Mark stopped short to look down on her. "Can you belong by any chance, to the brothers and the Wandering Foot?" he asked. "Because if you're picked the right partner, just give me a few months at the factory to make 'em think they can't get on without me, and I'll show you a real vacation."

## MARRYING MARK

After Mark's beautiful wife, Ellen Mark, for almost the first time, became aware of his adopted daughter Valerie, four years ago, she had been told that Mark was just as insistent that she stay with him. Dorothy, Ellen's sister, has her eye on him. "Berlin Diary" by Wyndham Lewis... \$3.75.

## Princess Knit For Exhibition

Their Work Will Be On Display at C. N. E. This Year  
Princess Elizabeth and Princess Margaret Rose are busy—somewhere in England—knitting a bundle for Canada.

## Over 4,000 Girls In Farm Service

Two groups of 30 girls each left Toronto last week to pick fruit in the Niagara district. They opened the Grimsby camp, which is the eighth centre of the Farm Service Force to be set up this season. Most of the girls were from colleges in the city, and one is a school teacher who serves as camp secretary.

## For General Fitness, say—"NABISCO SHREDDED WHEAT"

The food you eat has much to do with your capacity to perform the extra work that is rightly demanded of every citizen in wartime. Eat the food that has made Canada "the granary of the Empire"—whole wheat.

## Knows the Proper Answers for Parents

"Pacing the floor is absolutely unnecessary," says Harold Proshansky, who is 20, unmarried and much in demand as a baby caretaker. He worked his way through College of the City of New York by tending babies and put his psychology training to such good use that he has a good business with several assistants.

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## Menu Covers Portray Rivers

Famous Canadian Waterways Are Pictured in Series of Art Covers For Bills of Fare in C. N. Dining-Cars  
Famous rivers of Canada provide material for illustrations reproduced on a series of art covers used to enclose bills of fare offered daily to passengers travelling in cafe and buffet cars operated by the Canadian National Railway. Pictorial covers have long been employed on the dining car services of the System, each series giving hints of the beauties of scenic Canada or presenting pictorial graphs of Canadian natural resources and industries.

## TABLE TALKS

By SADIE B. CHAMBERS  
At no time of the year are salads more appetizing than at this season. Firstly, the "garden" offers a variety of greens and vegetables, then salads simplify the menu; and they help make a balanced meal that may be served cold.

## Salad Dressings

A salad is no better than its dressing. Let your dressing be perfect of its kind and chosen to supplement the salad it completes. The basic dressing types are important, those you will vary and "dress up" for special occasions.

## NOVELTY YOKE ON SPORTS DRESS

There are so many variations here. You may make a fruit yoke here for serving on fruit salads. Make this similar to thick dressing using fruit juice instead of milk. On jellied fruit salads we particularly like this. Again, you might fold in whipped cream to your thick bodied dressing equal parts.

## War's Changing Women's Hose

Canadian Manufacturers Co-operate With Government to Reduce Silk Imports  
"What will the war-time stockings be like? Will they be rayon? Will they be knit? And they will be knit. Can we get them in all shades and sizes? How much will they cost? Wouldn't it help the war effort if we were cotton instead of silk?"

## Two Good Things to do!

WIN-WAR WAR SAVINGS STAMPS  
Roll Your Own DAILY MAIL

## ISSUE 29—41

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