Saving Ontario's Natural Resources

********* THE EARTH CHANGES Last week I told of the differ 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 presothers; last, the unchanged stratffied rocks, the sandstones, stones and so forth. This classication 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 pinnacles 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 ands have been uplifted and thrust down many times.

FROM MOUNTAIN TO SEA Wherever a mountain raises its peaks the work of denudation or wearing away is at work. Not only nountains but every bit of land undergoing this denudation or Water and the atmophere are the tools that grind the rocks away. The resulting rock powder is the clays, sands and vels 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 hifts from mountain to sea. When this reaches a certain point there is an adjustment, the weight at one place causing an upthrow at another until new mountains are formed. The process may take ailleniums but it goes on until the highest mountains are raised and he work of denudation begins

More Teachers **Urgent Need**

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

In the face of a threatened teacher shortage, due largely to enlist ments by both teachers and prospective teachers and the enrol ment of prospective teachers into war work, applicants to Norma School courses will be accepted if they have completed eight of the wine upper school papers hitherto

The policy, a continuation of the one formed last autumn, was announced recently by Hon. H. C. Nixon, Acting Minister of Educa tion. He said that, in view of the increasing scarcity of teachers for public and separate schools and the Normal School classes next fall, appl wise qualified who hold certificates of standing in any eight upper chool papers will be admitted to the first class course given during the 1941-42 session of the Norma

Buried Gold Lures To Eastern Sands

Buried treasure beckons to adventurous individuals and there are several spots along the lines of the Canadian National Railways in the Maritime Provinces where tradition has it that gold lies awaiting the fortunate searcher. Some time around 1760, the story goes, three French frigates weresunk in the Richibucto River and each vessel had a consignment of gold. There is now a pro-posal 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 Ma-hone 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 'em 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. Prop shanks have even found their way into the instrument shop—fabri-cated into vacuum chambers for testing flight instruments.

Strong Support for Churchill-Canada's Victory Torch



Prime Minister Winston Churchill appears to have some diffi-eulty in attempting to move the Canadian Victory Loan 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 Event

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

already war-weary, are now being

confronted with a long war after

having been promised a short one.)

Two-Front War Wanted

veek clamored for an 'nvasion of

the continent at this moment when Hitler's back is turned and his de-

fending soldiers drawn off for ser-

London Sunday Times reported that

Germany was using 240 divisions

(perhaps 2,400,000 men) in the of-fensive against Russia, in addition

to the entire Luftwaffe bomber fleet and 80 per cent of the fighter

strength. The Russians claimed

that Germany had drawn on her

rtillery units on the French and

Belgian coasts to bolster the drive

against the tSalin Line, and had left

dummy wooden guns to face Bri-tain. Russia's former Foreign Com-

missar Maxim Litvinov, in a radio

appeal urged Great Britain to throw her whole weight against Germany in the West, while the Red Army

blitzkrieg in the East, and open up

two-front war.

vice on the eastern front.

The British press and public last

battle now going on in Eastern Europe will bring the turning point of the war on which de pends not only the future of ny 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 Hemi-."-U.S. President Frank IIn D. Roosevelt.

The most terrific battle in the history of the world raged last week all along the 1,100 mile front n western Russia as the Nazi war machine hurled itself against the outposts of the "Stalin Line" and the Soviet defenders ferociously threw it back. The super-conflict approached its crisis. By many, world war was thought to be a hand. The middle of July would see

Germans Fear It Not in the Nazi Plan If Britain could do it, a two-front The German schedule, it was re war would mean the end of the ported, called for smashing of the Russian defenses in the west by Hitler regime. The Germans certainly knew that. Last February August 18. What that same plan 6, a front-page editorial in the did not envision was that an enor-"Deutsche Allgemeine Zeitung" said mous price would have to be paid for the first small Nazi gains; that "What indeed was the war on two Germany would lose upwards of half a million men to the casualty fronts? It was the war designed to take Germany into pincers from West and East. The British made lists before the blitz was two weeks every effort to present us with such a war, as in 1914. The German old; and that the Russian army, having withdrawn almost intact to agreement with Moscow has cross-ed this English scheme once for all. new defense lines, would be in a position to double those losses for ... Just because Germany's rear Germany within the first month. is free she can use her entire force The odds seemed to be swinging against ONE enemy-no matter definitely in favor of the Russians.

where he stands." A diplomatic view expressed in Washington last week had it that Elsewhere, but also as an indirect if Russia could hold out until winresult of the Russo-German conflict, ter, the war itself would terminate Britain's war position improved last during 1942 with the defeat of Hitweek. The Ethopian campaign was ler, and with possibly a revolution cleaned up, the Syrian situation in Germany. (The German people,

REG'LAR FELLERS-THE END

WELL, THIS IS THE LAST STORY AND THEN YOU HAVE TO GO TO

BED! I'LL NEVER FORGET ONE

AFRICA. I CAME FACE TO FACE

WITH A GREAT BIG TIGER!

I TOOK CAREFUL AIM AND ...

TIME I WAS HUNTING IN

Africa; Britain was no longer being viciously bombed by night; and for the time being, a German invasion of Great Britain was out of the picture entirely.
U. S. Iceland Base Helps News of the American occupation

ward of the southern tip of Iceland.

That would mean a potential trip-

ling of the effectiveness of every

British battleship, cruiser, destroy-

er or corvette assigned to North

Atlanic convoy duy. . . . The Ameri-

can use of the Icelandic defensive

base may go far to help Britain

could insure her American planes

and other war weapons next year

on a scale to guarantee her ulti-

mate victory over her Axis foes."

Chinese See Victory Ahead

with a decision no nearer in pros-

egan. Its fourth year, just closed,

stalemate on the far eastern front

cupation has extended a little here,

contracted a little there. But the

cost in life and wealth has con-

In a message marking the fourth

anniversary of the war's outbreak,

Generalissimo Chiang Kai-Shek told

the Chinese people that the initial

objects of China's resistance had

been achieved, that ultimate defeat

of Japan was inevitable and that

Chinese victory was in sight.

Nevertheless, he warned, there

should be no relaxation of vigilance

on China's part. He exhorted the

people of China to develop an "even

greater" national unity, not to re-lax in their "spiritual reconstruc-

tion," and to regard military, edu-

cational and economic develop-

ments as the principal factors of

New Vitamin Said

To Benefit Airmen

The recent discovery of ribo

flavin, one of the "B" group

vitamins, may prove one of the

science to military aviation, Dr.

William Boyd of Toronto declared

at the Canadian Medical Associ-

Dr. Boyd said lack of ribofla-

vin might produce serious defects

n vision. The least consequence

presence in the human subject

was largely local to the eye and

bright sunshine quickly used up

the supply. Because of this, a

proper supply was necessary fo

aviators now training to fly fight

School For Bees

Professor Vladimir Alpatov.

the Moscow State University, ha

been working on the scientific

training of bees to pollinate cer

with syrup smelling of flax, h

claims that they fly to a flax field, leaving traces of the smell

other bees.

THE GUN JAMMED! I RAN FOR

ME ! I COULD FEEL HIS HOT

BREATH ON MY BACK! AT LAST

I CAME TO A CLIFF! IF I MOVED

ANOTHER INCH I'D DROP TEN

THOUSAND FEET AND RIGHT IN

BACK OF ME WAS THE TIGER.

MY LIFE AND THE TIGER AFTER

would be severe eye strain.

nipeg last month.

national reconstruction.

tinued at an unchecked pace.

The zone of Japanese oc-

through to winter and beyond. It

rractically in the bag; more troop

of Iceland and of the coming co peration of the U.S. Navy with the British in the North At-lantic was received with jubilation in Britain. Speaking before the House of Commons Prime Minister Churchill emphasized that last week's move by Washington, extending the American patrol zone Distance compels efficiency. within 900 miles of Nazi -Farmer's Advocate. occupied Norway, was one of the most important events of the war. PATRIOTIC DIET Kirke L. Simpson, Associated Press military correspondent, wrot of the occupation of Iceland: "With

United States naval forces occupy ing Iceland by Presidential order vital factors in the Anglo-Nazi death in the request that has been made struggle are destined to undergo by Hon. J. G. Taggart, Chairman drastic changes in Britain's favo of the Bacon Board, that Cana-dians cut their consumption of these commodities by fifty per Tremendous potential strengthen-ing of British sea defenses could result from this far-reaching extension of the American bastions in the North Atlantic. If the Washington move means what it appears to mean, Britain's defense zone in that sea has been cut to less than a third of its former 3,000-mile span from the Canadian east coast to ports in England. British naval and air forces affording protection to convoys bound for Britain can be very largely concentrated east-

It is a matter of common ob-servance 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. For the purpose of education the country provides far more The undeclared Sino-Jap war went into its fifth year last week, favorable material in some ways than the city. One does not need to be a Wordsworth or a Jefferect than the night the shooting ies to find inexhaustible subjects of interest and inquiry in the brought little change in the military that has persisted for nearly three

earth and every common sight.

The boy who lives amid meadows, mountains, woods and streams is at an advantage as compared with his fellow whose horizon is bounded by bricks and mortar, the endless monotony of the streets and the endless bustle of the factory and workshop. -Guelph Mercury.

The Book Shelf.

"BERLIN DIARY" By William L. Shirer Those who last year listened ime and again to Columbia's correspondent William L. Shirer oadcasting from Berlin on "The World Today" and wondered what too hard."

LIFE'S LIKE THAT



"I'll call you back later, dear . . . Ther front door."

VOICE OF THE PRESS

ONTARIO POTATOES When grown and graded prop-erly Ontario potatoes are as good as any. What makes it difficult Ontario potatoes is the accepted fact that other potatoes are better grown and better grad-ed. Perhaps the basic reason for poor merchandizing methods is that the Ontario grower's market is right at his own front door.

If we had to do without pork or pork products completely, we could do it, and still live quite as well as we do now. There is, therefore, no hardship involved in the request that has been made

war effort. It will make avail-able to Britain what she needs in the way of this particular type of foodstuff. The fact that Canadians have already noticeably cut down on their consumption of pork, though the original appeal was made only a short time ago, indicates that they will adopt this patriotic diet, now that Mr. Taggart has indicated the exact exent of rationing that is neces-

-Windsor Star. than usual interest CITY AND COUNTRY

> Salt and pepper Dandelions should be used be

> > butter, salt and pepper.

Wifely

By Fred Neher



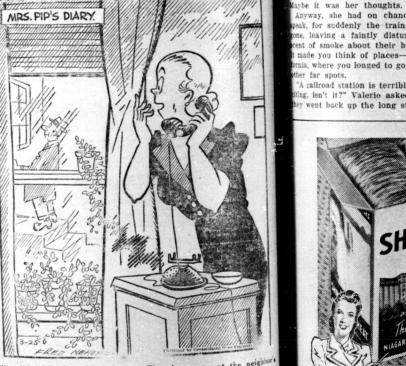
drama he watched

stood in the Place de la Cone Paris, on that February from storming the Char the declaration of co Versailles treaty was to saw the re-occupation of the hi Nazis took over Austria. He ed the Sudetenland figh 1938, and watched the sellow Gdynia and Warsaw durin fate-heavy August of 1939. and on the Western front to

> The reaction of the to their changing fortunes,

Dandelion Greens

bitter after that time the roots, pick the green several waters. Place then water just before cooking is pleted. When done, lift th off all the water, and cho



By GENE BYRNES



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

Bee Hive Syrup

ARRYING

Violette Kimball Dunn

SYNOPSIS

ted daughter Valerie,

After Mark's beautiful wife, Ellen

. Ellen's relatives insist that

lerie come to live with them.

Mark is just as insistent the

sister, has her eye on the

fund that Ellen left Valerie,

has already begun to make

rts to obtain custody of the She insists that Valerie

or black, but Mark says she can

whatever clothes please he

'em out. But maybe you'd

eves. Then he decided it

Chapter V,

no laughing matter.

. . . .

he train slipped away from the

form. Valerie and Mark had

and said things about the

was so charming. Valerie

ondered how Dorothy could look him so crossly. She and Paul

in the vestibule of their car

nd glass, for now the door was

ed out at them grimly as they

She looked like Miss Wea-

u wish you had never been

It was funny, because of

Weatherbee at all. It was

ing sort of behind her face

she didn't really look like

arbee, at Bolton, bursting with ings to say, most of which would

nost missed it. Mark apologized

Mark, for almost the first

became aware of his

Here you may read how &

lin and Munich. He visited Day the whole of the war from Be inception up to the end of 1961 witnessed the signing of the le scooped the world with the

"Berlin Diary" . . . by Willam L

fore they blossom, as they been

Thoughtfulness

see war games, Lieut. Be Gutow got a jig-saw lett hour's labor, it read: "Don't



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 from every citizen in wartime. Eat the food that has made Canada "the granary of the Empire"—whole wheat.

Nabisco Shredded Wheat is 100% whole wheat, with nothing added. You get the proteins, carbohydrates, phosphorus and iron contained in pure whole wheat. And, because the wheat is unmilled, all the important wheat germ is retained, To benefit from the abundant food-energy that Nature put into Canadian when -buy and serve Nabisco Shredded Wheat regularly. Ask for it by the full name

isco Shredded Wheat".

THE CANADIAN SHREDDED WHEAT COMPANY, LTD., Niegard Falls, Canada

Menu Covers **Portray Rivers**

Famous Canadian Waterwa Are Pictured in a Series of Art Covers For Bills of Fare In C. N. R. Dining-Cars

Famous rivers of Canada provi material for illustrations reproduc-ed 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 Can covers have long been employe System, each series giving hints of presenting picture graphs of Can-adian natural resources and indus-

ries.
The new series were designed by rivers chosen, the St. Lawrence, the Miramichi, the Mackenzie and

he drive and was gone. Valerie watched his car vanish mong the trees. She felt small and significant, and at the same time terribly important. It was pleasintly confusing. She went into the house and hurried to her own room.

Their Work Will Be On Display at C. N. E. This Year

You see, I never saw my clothes bundle for Canada. In the bundle will be sweaters until they were sent to me. Mother got them, and I just wore them. She thought girls ought not to think about clothes—I mean, until

they were older-so what are we "Oh, we'll muddle along," said His eye was caught by a riot of color behind a plate-glass window.

He pulled around a corner and Lot of New Clothes piled boxes in the rumble. Valerie had insisted on carrying them. She

wouldn't trust them to be de-"I never saw so many at onceeight dresses, three suits, and four coats-besides hats and - all the rest-" she said as they drove away. "Whatever are we going to do with all the clothes I have al

"I mean-it sort of goes up your

Mark stopped short to look down on her. "Can you belong by any

chance, to the Brothers of the Wan-

dering Foot?" he asked. "Because

if so, you've picked the right par

ent. Just give me a few months

at the factory to make 'em thin

they can't get on without me, and

'll show you a real vacation."

"Nothing else but. Where would

California, please—and the South

Seas - nowhere cold-unless you

"California and the South Sear

They came out of the station

headed for shops. Mark asked

which one she preferred, and Val-

erie, after trying frantically to be

grown up, collapsed and told him

"I don't know any shops, father

"You mean-away?"

you be wanting to go?"

are all right with me."

"Mark lighted a cigarette, and waved the problem away. "I'll bet Mrs. Banwood knows some needy souls. She looks as if she would some people who-well, look out

"I know-the Salvation Army," said Valerie. "But probably Mrs. Banwood will fix it. Housekeepers "Are they? My acquaint

seems to have been limited. Your bush somewhere. I wasn't so crazy

she's good for me. She takes me down. If she looks at me long, I begin to wonder if my face is dirty, or if I have a caterpillar of

Valerie giggled delightfully. She knew Mrs. Banwood's effect on one. "She's only my second— I mean housekeeper," she explain-ed. "There was one at school. If the girls met her in the halls, we ran. We never knew why we ran. We just did. So of course Mrs.

"I dare say she is really," said Mark. "It's probably my guilty

Mark headed for his factory next orning. He had, he said, to show up at least for the day, before they went adventuring. He wondered a bit uneasily what Valerie would do without him. It was the first time he had left her.

He put it to her at breakfast, but she told him solemnly that with her old things to transfer to Mrs. Banwood, her new ones to pack, the day would be hardly long enough. He left her standing out on the wide steps, the morning breeze in her hair, her right hand raised in queer little salute as he wheeled s roadster around the curve o

(To be continued)

Princess Knit For Exhibition

Princess Elizabeth and Princes Margaret Rose are busy—some-where in England—knitting a

socks and helmets, the same things hundreds of Canadian school children are making for the Red

Cross and for European refugees IN WOMEN'S BUILDING The Royal children are sending their contribution to Toronto s that it can be exhibited along with the prize-winning work of Canadians in the Women's Build-

ing of the Canadian National Exhibition, Aug. 22 to Sept. 6. The competition for Canadian school children includes mitts, sockees, pullovers, parkas, gloves iresses, pyjamas and underclothe made by children in elementary, high schools, collegiates and vocational schools. After the exhibi tion all the garments will be sent

Over 4,000 Girls

In Farm Service Two groups of 30 girls each fruit in the Niagara district. They ppened the Grimsby camp, which is the eighth centre of the Farm season. Most of the girls were one is a school teacher who serves

There are now 4,131 girls and ice Force camps.

USE COMPOSITE YARN ings are going into production in ome the general hose item on th available rayon to produce a "com posite yarn" and this yarn is used for knitting the leg panels of the

HOW THEY WASH So skilfully have the mixtures been knitted that no Canadian girl need worry about sacrificing her glamour hosiery! One minor difference, it was pointed out, is to be seen in the washing of the mixtures. Some ar-

Knows the Proper Answers for Parents

when wet, so extra care must be

wringing of the new types.

"Pacing the floor is absolutely unnecessary," says Harold Pro-shansky, who is 20, unmarried and much in demand as a baby care-taker. 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 now has a good busi-

3,200 classes are held every month under the educational scheme for the British Forces.

C. W. Simpson, of Montreal, an artist possessing keen appreciation made. of that outdoors which so strongly appeals to Canadians themselves and to visitors from beyond the is evident in the sketches which gest the characteristics of the fou

2 eggs % eup rich milk the Fraser. WITH CHART AND MAP For the busy St. Lawrence Mr. Simpson depicts the flow of over seas and inland waterborne traffic with a glimpse of Quebec Bridge one of the country's engineering marvels. The Miramichi, as befits a renowned sporting river, is illu

Cook over hot water in double boiler. Just after placing over hot water add the vinegar and trated by an angler about to land give a few more turns with beater. with a flotilla of stern wheelers ing much easier travel than that cool; set away to chill. French Dressing delta of the mighty stream. Mr.

Sometime ago the French dressing was not so popular, but to-day it seems indispensable. Some like to resort to a sort of ceremonial and make this dressing at the table; others just buy it at

War's Changing

Women's Hose Canadian Manufacturers Co operate With Government to Reduce Silk Imports

his salmon. The Mackenzie

shown as spacious and majesti

approaching Fort Norman, sugges

imposed upon the sturdy fur trad

er and explorer, Mackenzie, dur

Simpson has dramatized the Frase as flowing in turbulent volum

through its rocky canyons in a boisterous scramble to the Pacific

Each river is charted with an

accompanying sketch map and appropriate text telling the stories

of these great waterways each play

ing an important part in history

What will the war-time stock ings be like? Will they be rayon? How will they look? Are they wearable? Can we get them in all shades and sizes? How much will they cost? Wouldn't it help the war stead of silk?"

These and countless others were the questions fired at manufacturers of full-fashioned factory hos-iery by a representative group of Canadian newspapermen, mag azine editors and radio columnists at a luncheon in Toronto recently writes Florence Elliott. The fash ion writers, like all Canadia was happening to silk stockings now that silk imports had been change All of them had notices

The new Canadian wartime hos ery, according to present plans at least, is a mixture of real silk and rayon. These types of stock-Canadian mills now, but it will be some months yet before they bemarket. Lisle is also used and conand feet. In the "Mixture" stockings fine filaments of real silk are twisted with filaments of the best

tor sports frock that's indispen-sable for summer either in town tificial fibres become weakened

ness with several assistants.

By SADIE B. CHAMBERS

Salad Dressings

At no time of the year are salads more appetizing than at this season. Firstly, the garden offers a variety of greens and balanced meal that may be serv-

A salad is no better than it

ment until you reach perfection

Boiled Dressing
This is my favorite boiled

1 teaspoon mustard 1/4 teaspoon salt
1/8 teaspoon pepper
1 tablespoon flour 4 cup brown sugar

4 cup vinegar (diluted equal parts with water if strong). Mix dry ingredients thorough-ly, add the well beaten eggs, then add the milk. Beat a few seconds

Stir constantly until thick, remove from heat. Beat again with beater, add butter, beat a few more turns. Pour into dish until

NOVELTY YOKE ON SPORTS DRESS



By Anne Adams

and style number. Send your order to Anne

ams, Room 425, 73 West Adelaide St., Toronto.

Here it is - your new specta-

larly relish this. Again, you might fold in whipped cream to your thick boiled dressing equal parts. Another variation might be to add lime juice or chopped ginger. Thousand Island Dressing To every cup of thick salad dressing add 11/2 tablespoons each of finely chopped green pepper and pimento and olives (gherkins if you have them, may also be added. To this mixture add one quarter cup catsup (or chili sauce) and fold in one-half cup of whipped cream. This dressing is quite the favorite for hearts of

lettuce, shredded raw cabbage of Another variation for fruit salad dressing, add equal parts of whipped cream, adding chop-ped maraschino cherries, candied ginger or nuts. A tart jelly addi

tion also gives a zest. A Relish Dres The simplest is to add to your thick salad dressing, Chili sauce, catsup, chopped green relish, mus-tard relish or any of these with a little added horseradish. Excellen for fish salads.

Civil aircraft in revenue service in Canada carried 10,634 pas-



ISSUE 29-'41



sweetens your breath,

freshens you up. Join the

millions of happy families

who enjoy Spearmint after

GET SOME TODAY

can be just as simple as salad oil

and vinegar.

To this vinegar and oil all that need be added is salt and cayenne.

Then again it may be given out

standing character by the addition

of garlic (try a garlic clove in the vinegar bottle). Then again, try adding curry powder, chili pow-der, mustard or Roquefort cheese, celery salt, etc. Other additions

might be chopped olives, pickle (especially dill), celery, radishes

or pimento. To be "correct" use French dressing if serving a fruit

or "salad course" salad at a heavy

uncheon or dinner. This type of

dients whether vegetable or fruit. To give a finished technique of

"hostess" toss it right at the table

in a large bowl, or simpler, let it



