

Saving Ontario's Natural Resources

(No. 7)
By G. C. TONER
LUTHER SWAMP

The highest point in southern Ontario is the Dundalk plateau, situated in Wellington and Durham counties. On the southern edge of the plateau, 1706 feet above sea level, is Luther Swamp, a great bog of more than 30,000 acres. This swamp is probably the greatest natural resource we have in southwestern Ontario for which the storage basin from which all the great rivers receive their water. The Thames, the Grand, the Credit, the Humber, the Mississauga, the Otonabee, and the Niagara; all have their humble beginnings on the slopes of the Dundalk plateau. Some of them have direct surface flow from the swamp, others are fed by the underground springs and the deep seepage.

The District Suffered
About a generation ago Luther swamp was drained into the Grand river in the hopes that good farm land would be uncovered. The promoters of the drainage scheme were disappointed, for the land, being a peat bog, has proven unsatisfactory for agriculture. But the worst loss was to the people of the Province for Nature's laws and schemes for flood control were set aside. This great swamp in its natural state was a barrier against floods. It held the water for deep seepage, preventing it from going down the rivers as wild, springtime inundations. Springs, of course, are fed from the underground seepage and Luther swamp helped to maintain these as well as the underground water table that fed the farmer's wells.

Since the swamp was drained the whole district has suffered. At one time the wells were shallow for the water table was close to the surface, now, the wells are being driven deeper and deeper each year as the water table drops. And in the spring time the Grand river, the principal stream to receive water from the swamp, goes on the rampage, destroying property and damaging the farmlands throughout its course.

The Dam Will Help
On the other hand this river has suffered tremendous shrinkage in the past generation. Fully fifty-five miles of its upper reaches dry up each summer as a direct result of the draining of the swamp. Formerly, the upper Grand comprised one of the finest speckled trout waters in the province. Now, trout are virtually non-existent. Floods in the spring time, droughts and low water in the summer and early fall, these have followed the unwisdom drainage of the headwater swamp.

However, there seems to be a determined effort at the present time to stop the damage from floods on the Grand River and the restoration of Luther swamp to its original condition is now being considered as an aid to this flood control. By building a dam across the outlet of the swamp, to hold back the water in the spring, a vast reservoir will be created that will do much towards replenishing the underground water of the district, as well as help in flood control.

King's Pigeons Have Enlisted

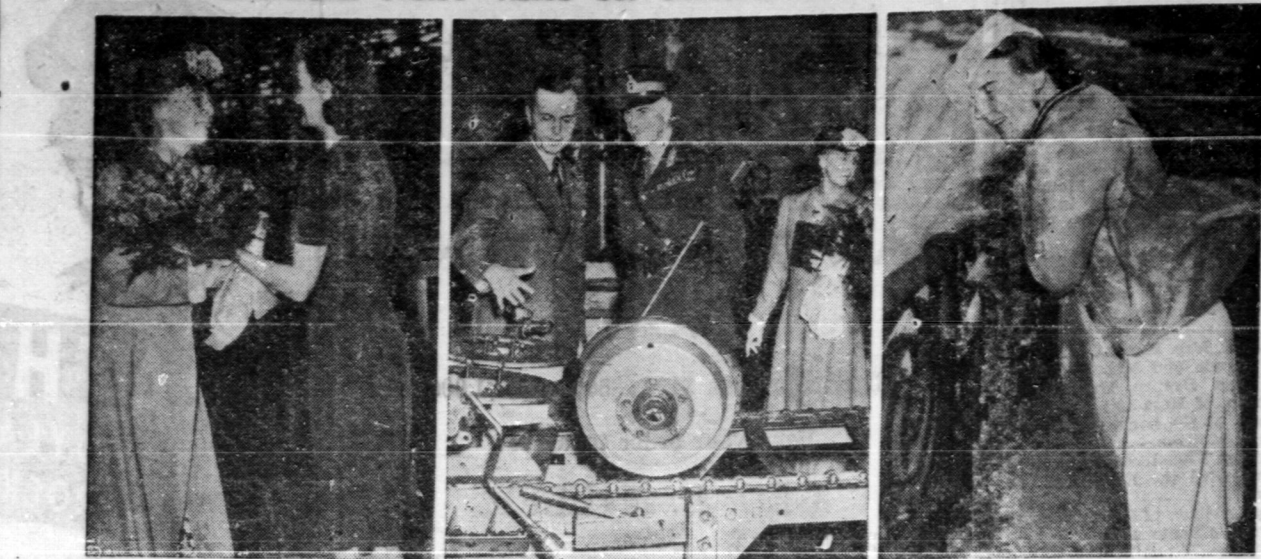
Royal Birds Are To Be Used in Event of Emergency—Acting As Air Mail

Pigeons from the King's loft at Sandringham have been added to a pigeon post organized to operate in the event of a national emergency in Great Britain. The pigeon post was inaugurated in July last year by the Duchess of Kent when she visited Fort Dunlop and released the first flock of pigeons from their baskets.

DISTANCE FLIERS
On the eve of the outbreak of the war a pair of blue checks arrived from E. W. Steele, the King's pigeon keeper. They are long distance birds, four or five years old, of the stock which has won the big races from Lerwick in Shetland and Bordeaux.

MESSAGES ARE TINY
By reducing messages to facsimile on a special thin film, the birds can take 35,000 words in an aluminum carrier fitted to their legs. Each centre has apparatus for reducing the messages and for magnifying them to a readable script when received.

VICE-REGAL PARTY VISITS ST. CATHARINES AND NIAGARA FALLS



Continuing their tour of Central Ontario, the Earl and Countess of Athlone, accompanied by Princess Juliana of The Netherlands, inspected a munitions plant at St. Catharines and then continued on to visit Niagara Falls. The Countess of Athlone is pictured (left) as she was presented with a bouquet during the trip. In the centre, His Excellency shows great interest in the work of the munitions plant. Princess Juliana is shown (right) getting a close-up view of the falls.

THE WAR-WEEK—Commentary on Current Events

Destroyer Swap Gives Britain War Advantage

"The nasty shock for Hitler," recently foretold by the London Daily Mail, came last week with President Roosevelt's dramatic announcement that the United States was lending over to Great Britain 50 destroyers for use in the war against Germany. Hitler's latest weakness; realized the extent of the co-operation between Britain and the United States for the U. S. came close to "an act of war" in implementing the deal.

Atlantic Sowed Up
Played up less than any other angle was U. S. satisfaction at having pulled off a major diplomatic and political coup. The securing of naval and air bases stretching up in a chain from South America to Newfoundland meant that the United States had the North Atlantic tied up in a bag, was on its way to becoming quietly master of this whole hemisphere. (A major feature of the transaction with Britain was a concurrent pledge from Prime Minister Churchill to Secretary of State Hull that the British fleet would never be settled or surrendered and thus jeopardize U. S. security in the Atlantic.)

Great Britain still had not been invaded last week. In support of the theory that Germany never would be able to accomplish it, Masanori Ito, one of Japan's best-known naval commentators, declared that Hitler could not land troops in England while the British commanded the sea—and the German Air Force was insufficient to win away that command.

During the week the Germans were obviously concentrating on destroying all the important British airfields in the southeast corner of England, so that British fighters would be unable to defend London and hold the air over the southeast coast. Plans for an invasion could only then go forward.

Grave disturbances in the Balkans, a new line-up in Africa (all the French colonies there went over to the side of Britain) worked from other quarters last week to give Hitler and Mussolini serious pause in their campaigns for world conquest. The embolism of Romania and Hungary meant the cutting-off of vital productive activity (agricultural, industrial) in the Balkans, so badly needed in the German war effort.

Would Russia March?
Russia remained the big question mark in European politics.

There Are Plants That Kill Humans

Several Are Known To Naturalists—Cannibal Tree of Australia Is Example

Apart from plants that poison there are several known to naturalists which can kill a man who comes within their clutches. One horror of this kind is the Cannibal Tree of Australia, the powerful leaves of which can close in like a trap and crush out the life of the unwary investigator. Another unpleasant forest fiend is the Telegraph Tree of India, which leaves that move about curiously; but anyone who touches them is liable to get a severe electric shock—quite enough to kill a man with a weak heart.

In the Far East loomed another crisis of international proportions. Over Indo-China, the Japanese fleet was reported cruising outside Indo-China waters, blockading the entire northeast coast. . . . The chief of the Japanese mission to French Indo-China had sent an ultimatum demanding the right to transport Japanese troops across the French colony—which had been refused. . . . The Chinese Government (against whom the Japanese were moving) had formally declared its determination to act should the Japanese enter French Indo-China "under any pretext or under any conditions with a view to annexing China. . . ."

U. S. Notifies Japan
From Washington, Secretary of State Cordell Hull publicly notified Japan that any change in the status quo of French Indo-China and the Netherlands East Indies, due to Japanese military operations, would have "an unfortunate effect upon public opinion in the United States. . . ."

The first move of a new civil disobedience campaign against Britain for refusing to grant India independence was begun last week at Cawnpore, home of the Indian Nationalist leader, Nehru. Mohandas K. Gandhi had previously declared that the Government of India was "inviting civil disobedience" by arresting certain of its members on charges of making seditious speeches.

Enough 21
At home the National War Services Department announced that the 21-year-old class of Canadian young men would provide about 400,000 personnel for the first two drafts for military training. . . . Several million Canadian youngsters started back to school; in Ontario, only twenty-eight of them were strikers in the dread infantile paralysis now raging across the border in Michigan. . . .

A salmon, tagged and released in Nova Scotia, was captured forty-two days later at Moisie River, Quebec. By the most direct route this is a distance of 800 miles.

NO THOROUGHFARE
The fact that Canadians desiring to cross Canada by motor cannot do so except by securing a passport to enter the United States to overcome the Lake Superior shore would attach to a completed Trans-Canada Highway.

CAN YOU MILK?
Surprising it is how many people know nothing at all about the milking of a cow. They can play a good game of golf; they boast at times of their knowledge of bridge; they can bring home prizes from bowling tournaments. At tennis they are good and in swimming and diving they are expert. They play the piano and at times may be inclined to sing; they discuss politics and world events; on occasion they may make speeches. But they cannot milk a cow. Perhaps some of them have rather turned up their noses at the thought of working on

The Book Shelf

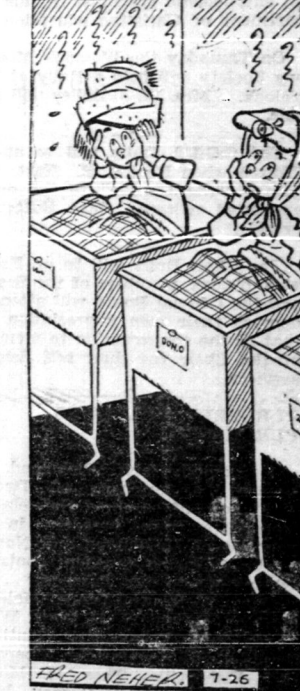
"THE MINGLING OF THE CANADIAN AND AMERICAN PEOPLES"

By Marcus Lee Hansen
No more timely work than this first volume of a series being prepared under the Carnegie Endowment for International Peace by the United States and Canada in the history of the North American continent, when, after the epoch-making talks at Ogdensburg, the United States and Canada have joined in a mutual defense agreement, climaxing long years of good neighborliness and tentative co-operation.

In this book Professor Hansen undertakes the difficult task of filling the great gap in our knowledge of how the peoples of the United States and Canada working in unison have woven the new pattern of North American culture. He does it by tracing the exchanges in population between the two countries since 1700, pointing out that there are millions of North Americans whose families have branches on both sides of the boundary.

"The Mingling of the Canadian and American Peoples," Vol. 1
By Marcus Lee Hansen . . . Toronto: The Ryerson Press . . . \$3.00.

LIFE'S LIKE THAT



"He got hold of some buttermilk last night and there's a mess."

Thanksgiving Day Set for Oct. 14

Thanksgiving Day has been fixed for Oct. 14, the second Monday of the month, the Department of State has announced. A proclamation pointing that day as a general thanksgiving will be issued shortly. The announcement added last week.

Double Theatre Double Feature

West Coast Movie House
Twin Auditoriums

Patrons may take their choice of one picture or two at a special price. The Alhambra Theatre, like others, two additional feature pictures are shown. After each showing, the change auditoriums. The "double bills" just started.

But those who like only one picture at a time are also catered to. The Alhambra Theatre, like others, two additional feature pictures are shown. After each showing, the change auditoriums. The "double bills" just started.

Swordfish are taken in the waters off the Atlantic coast. The fishing season opened and will continue until September.

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They're So Convenient

SALADA

*TEA BAGS

Pride and Prejudice

Adapted from the Metro-Goldwyn-Mayer Picture
by GERTRUDE GELBIN
Copyright 1940 by Loew's Inc.

CHAPTER II

Darcy stared at him, his face darkening. "You sat down, out of sight. . . . I moved into view and the first thing I saw was the back of your head. . . . After each showing, the change auditoriums. The "double bills" just started.

"The Man's Mad"
She stared after him, astonished and incensed by his manner. The man must be mad," she said.

"Mad?" Wickham smiled. "You're too charitable, Miss Elizabeth. If you were better acquainted with him, you would see another man."

"Have you known him a long time?" she asked in amazement. "Since childhood. But, as you saw, we're not on friendly terms. You see—well—my father was steward of the Darcy estates."

Elizabeth blushed for Darcy's snobbish pride. "Without knowing anything more, I'm on your side," she cried.

Jane, meanwhile, was glowing with the delight of being presented by Mr. Bingley to his sister. "When one's accustomed to the fashionable world of London," Mr. Bingley remarked, then stopped with an elegant, preening gesture. "Frankly, Miss Jane, you strike me as the only civilized person in the room."

"Oh, you're unfair to the others," Jane protested.

Miss Bingley patted her arm patronizingly. "Sweet child, what a charming disposition. You must come over to Netherfield one day. I shall be so bored, you know, narrowed out in the wilderness. We'll arrange it, shall we? Very soon?"

What happens, when Jane visits the Bingleys? Will Elizabeth see Darcy again? Read next week's chapter.

Pinafores Are Again Popular

Aprons to Keep Little Girls' Frocks Clean Are Good News to Mothers

Pinafores, which keep little girls' dresses clean while they play with water-colors or do any of the million-and-ones things that are likely to soil their clothes, are much in style this year. This is good news for mothers, who must feel like smart managers when they take off a child's soiled pinafore and disclose a cleanly dressed little girl ready for company or for supper with the family. Pinafores can be bought separately, to wear over any dress, or they come with dresses in attractive combinations of fabrics. Particularly practical are the navy, brown or wine pinafores that come separately. Then there are countless dresses in the 2-to-6 age range, with striped pinafores repeating in the stripe the color of the dress. It is naturally more practical to have the pinafore of the striped material, as stripes show spots less than solid colors do.

AND JUMPER DRESSES
Jumper dresses are in vogue in small sizes, too. Some are of lavender washable cotton, with lavender-and-white striped shirtwaists. The dresses are cut princess style with fullness in the back, a new note, or have skirts that are full all the way around.

Women's Hats Make Circus Clowns Weep
The latest millinery is making many men laugh—but not circus clowns.

Al Kerber struck up a conversation with a circus clown at Sharon, Pa.

"What's the hardest part of your job?" he asked the clown.

"Trying to find clown hats," was the answer. "The women are stealing our thunder these days."

English Cloth From Peanuts

It's Durable, Blends With The Wool and Cotton and Takes Dye, Experts Say

"Why, my dear, what a lovely peanut you're wearing!" may become a common expression if experiments with peanut fibres for clothing material succeed. Yorkshire experts are satisfied with results so far but want to be definitely certain.

Men and women research workers are wearing costumes and suits of materials largely composed of peanut fibres and are testing the fibres' reaction to wear and weather. First reports have been "satisfactory."

TESTING FIBRE'S REACTION
They were the cloth on hikes, stood in rain and the men made a habit of sitting down without hitching up their trousers to test the fibres' reaction to moisture.

"It blends with either wool or cotton and takes 100 per cent. dye," a Yorkshire research official said. "We anticipate it will be a big success for women's wear."

HEALTHY BIG PROBLEM
The former London School of Economics staff member said that certain necessities of the post-war world could be forecast. The world would face after the war the most serious problems of health.

Any remaining luxuries of life must be strictly curtailed as long as the vital needs of good health were unfulfilled, and housing projects would be a part of the health scheme, she believed. Great private fortunes are not a part in the post-war world, she predicted.

Bautous "Miss Ontario"



Chosen from more than 1,000 of the province's loveliest girls, Mary Ellen Batten of Thorold has been named "Miss Ontario." She met beauties from the other eight provinces in a street-clothes contest at the C.N.E. for the title of "Miss Canada."

Why Children Enjoy Noise

Children like noise because the instincts of the primitive man who is born again in all of us have not yet been subdued by

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Social Justice Should Be Our Post-War Aim

Writer of Poem King George Quoted in His New Year's Address Speaks to Canadian University Women

Aim of governments after the war must be for social justice, Miss M. Louise Haskins, of Banff, Alta., formerly of London, England, said in addressing the triennial convention at Calgary of the Canadian Federation of University Women's Clubs.

Miss Haskins, who became famous when the words of a poem she wrote some years ago were quoted by His Majesty in his New Year's radio address, held that the character of general government which will come after the war may be shown to emerge but its nucleus should appear in terms of a peace treaty.

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"It DOES taste good in a pipe!"

HANDY SEAL-TIGHT POUCH - 15¢
1/2-LB. "LOK-TOP" TIN - 65¢
also packed in Pocket Tins

Picobac

GROWN IN SUNNY, SOUTHERN ONTARIO

TALKS

See the hay-load billow high, Musky-sweet with sun and rain!

There's a man against the sky On a woman in the lane, There's a woman in the door, With her blue dress blowing now.

He is bringing in the summer For the old barn's dusky now. And the pigeons peep and strut And the swallows dart and dive.

And the bees store clover honey In the apple orchard here. Dreams are coming home once more And wild flowers fill each rut Where the slow wheels passed before—

And the heart is taking in Harvest, from the wind and rain. More than any now or bin! There's a wagon in the lane! Glenn Ward Dreesbach, in Christian Science Monitor.

Don't Get Mad; Just Keep Cool

"Moderation in all things—especially in summer"—that is the advice of an editorial in Hygien, The Health Magazine, suggesting how to keep cool, comfortable and healthy during hot weather.

If taking a deep apple pie, the filling of apples and sugar should be baked slowly for about one and one-quarter hours, until apples have that reddish brown color, before placing the cover on the top. This type of pie, chilled and served with whipped cream is dessert fit for royalty.

Baked pears makes a lovely seasonal dessert. If you are fortunate enough to have maple syrup, place pears in casserole, pour over the syrup, and bake for an hour. The pears will be served hot or cold. A flavor of ginger to pears is always refreshing. This may be added to a sauce or chopped candied ginger added to whipped cream.

Try these peach desserts for something different:

Peach Surprise
Cook large extra fine whole peach (pitted) in a sugar syrup (1 cup sugar to 1 cup water). Cook until soft but not broken. Cool. Spread your favorite light cake ice cream. Cut in squares and on each press on a slice of the peach halves. Serve with a thick raspberry syrup.

Cantaloupe and Peach a la mode
Cut small, very ripe, chilled cantaloupes in half, sprinkle with fruit sugar. Fill centers with cooled sweetened peach—top with whipped or ice cream.

Pear Tapioca
1/2 cup quick tapioca
1 1/2 cups boiling water
1/2 teaspoon salt
3 tablespoons lemon juice
1 tablespoon orange juice
2 tablespoons syrup from maraschino cherries
1/2 cup corn syrup
1/2 cup cranberry
1/2 cup large pears
Cook tapioca in double boiler with water and salt until clear. Add lemon and orange juice. Pour over tapioca mixture, bake until pears are tender. Serve cold with whipped cream.