Saving Ontario's Natural Resources

G. C. Toner
Ontario Federation of Anglers and Hunters
(No. 47)

HOW MUCH TO REFOREST

Continuing Mr. Douglas' story of water conservation in Grey County: "We then consulted with responsible older residents to find the time when water conditions were good. General opinion took us back well over twenty years to a time when the forested areas were 30% of the total area. We found that the slope in Grey County from south to north averaged 30 feet to the mile."

"Knowing that our current forested area was 14% of the total area it was a simple matter to subtract 14 from 30. This gave us 16% as the desired amount of reforestation necessary. We thought at first that this formula, in which our needed forest percentage equalled the foot slope per mile, was just a coincidence but some studies in other counties, where the slope is much less, showed it to be a fairly accurate constant."

Unsuitable for Agriculture

"Planting 16% of our large county of Grey is a big order. It means planting 160,000 acres in our million but you will notice that we have 200,000 acres of land that is not suited to agriculture, which is more than we need. Some counties south of the Dundalk highlands have less than twelve feet per mile drop and still over 6% in forest. The county areas are less and this will make their problem easier. Less slope usually means less available poor land areas but you will still have more than enough for your needs."

So when someone talks of 50% or more of the land needing reforestation, if the water table is to be controlled, or quotes the value of the land, you will know how to answer. In an area where the needed percentage is low, say 4%, it can be had by planting 4 acres in every 100. Much of this could be planted as windbreaks, snow fences, or other needed trees. Certainly the plan is worth considering, elsewhere.

VOICE OF THE PRESS

THEY'RE ALWAYS WITH US

Railway accidents come and go, coroner's juries come and go, but the deadly crossing stays with us for keeps.

—Guelph Mercury

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AND NO FOOLING!

The Ottawa government will take "60 per cent. of the national revenue" in taxes for this year. That means that Canada will have 40 per cent. left to pay Ontario, and municipal taxes and house, feed and clothe itself, etc., which also means that the nation will have to scrimp and save and do without things and no fooling!

—Sault Daily Star

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SAVING THE BABIES

Not a single case of diphtheria has occurred in St. Catharines during the past two years, and only one death has occurred from the disease in the past 10 years.

A letter is sent to every mother when the baby is three months' old, advising vaccination against smallpox; at six months another letter is sent stressing toxoid prevention against diphtheria. When these are completed the department advises protection against whooping cough.

St. Catharines' public health program is one of the most aggressive in Canada.

—Health League of Canada

Properly Fed Hogs Give Top Wiltshires

Top quality Wiltshires are made from properly fed hogs and what to feed and how to feed are both important, says the Agricultural Supplies Board. It is top quality Wiltshires which are required by Britain in wartime particularly. Of the order for more than 425,000,000 lb. of bacon, hams and other cuts placed last November 1st by the British Ministry of Food for delivery by October 31, 1941, sixty-five per cent is needed in the form of Wiltshire sides. In connection with the proper feeding of hogs, good feeds need to be properly combined in the hog ration. A mixture of farm grains is the best foundation. Protein supplements promote growth and save grain. Minerals and vitamins are essential for health and vigour, says the Board and emphasizes that good feeding is a continuous job. The good feeder keeps his pigs thrifty and gaining steadily until properly finished at the correct weight of 200 lb.

FOTO NEWS OF THE WEEK

FLIGHT-LIEUT. Cathcart-Jones (top) of the R.C.A.F., confers with Hal B. Willis, executive producer for Warner Bros., regarding technical details of "Captains of the Clouds," a movie about Canada's airmen.

"THE BOILER KID," Fred Snite, Jr., infantile paralysis victim, visits with his young daughter, held by nurse. A friend enjoys the babytalk.

ALEXIS SMITH, Penticton, B.C. girl (above) who is going places in Hollywood. Alexis has recently appeared in "Million Dollar Baby," and now has the lead opposite Errol Flynn in "Dive Bomber." The blonde beauty of the western province claims that she has more cousins in Canada than any other movie star.

HON. J. L. RALSTON, Minister of National Defence, addressing the gathering attending the ceremony at Montreal, as the first Canadian tank came off the production line.

THE WAR WEEK—Commentary on Current Events

Germany Marches On Russia; Britain Becomes Soviet Ally

Last week the world rocked under another surprise move of Germany's military machine. The full impact of the vast forces loosed by Hitler was beyond any possibility of gauging for the time being, but one thing appeared certain, Germany's supply of oil and grain for the hordes of fighting men must be far, far less than previously supposed and conquest of the great oil and grain lands in Southwest Russia made necessary if the Reich were to wage a long war, a war on Germany's "all-out" scale.

The Nazi High Command, it is noted, chose a time when the crops of the Ukraine were green and difficult to destroy by fire. Later in the season grain fields might be burned by the Russians to prevent the Nazis from gaining any immediate increase in their food supply from that region. Climatic and weather conditions of June were favorable for the German attack. Fall rains would tend to bog down the tremendous campaign.

The actual military strength Russia would be able to bring to bear against the invader was the subject of speculation the world over last week. The Red Army was being put to its first great test.

Churchill Speaks

CHURCHIL SPEAKS WITH FIRE

As the news broke upon an astonished world, Winston Churchill went to the microphone to tell his countrymen and the world that Germany was the enemy, and, although he did not take back a single word of all his vitrolic attacks on communism, he made it clear that whoever fought against Germany was helping to rid the world of Naziism. "We have but one aim and one single irrevocable purpose," the Prime Minister said, and his words were obviously for the United States as well as Britain and her colonial Empire. "We are resolved to destroy Hitler and every vestige of the Nazi regime. Any man or State who fights against Nazism will have our aid. That is our policy and that is our declaration. It follows, therefore, that we shall give whatever help we can to Russia and to the Russian people. We shall appeal to all our friends and allies in every part of the world to take the same course and pursue it as we shall, faithfully and steadfastly to the end.

"We have offered to the government of Soviet Russia any technical or economic assistance which is in our power and which is likely to be of service to them."

Thus did Mr. Churchill voice the official British attitude and thus did he remind Britain and the United States that the latest development in this mad war must not divert their eyes from the main target.

Canada States Position

"Every one who engages our enemy advances our cause," was the first comment of Canada's Prime Minister, Mackenzie King. Thus he made it clear that the British point of view in this new crisis was the Canadian point of view. Mr. King also stated in his comments on the new turn of events that "this move has removed the last shadow of doubt, if any yet remained, concerning the purpose of Hitler to dominate the world."

"Balked in his effort to break the might of Britain, Hitler has decided to take immediately, instead of later, another essential step in his march toward world domination, namely, the subjugation of Russia. If successful in this purpose, the Nazi armies, undisputed masters of Continental Europe and a large part of Asia, would then have in their possession vast stores of wheat and oil and munitions of war for use in a final onslaught against Britain and the Western world."

U. S. Takes Stand

Condemning communism and nazism as "intolerable" to the people of the United States, but still viewing the defeat of Adolf Hitler's attempt at world conquest the greatest task facing the world, the American Government gave Soviet Russia some grounds for hope of material assistance in her war against Germany last week.

The American position regarding the new turn of events in Europe was stated by Sumner Welles, Under-Secretary of State, speaking for President Roosevelt, in one of the bitterest denunciations of the present leadership in Germany to come from Washington since this war started. Mr. Welles said, "the purpose of Germany's non-aggression pacts stand fully revealed and leaves no question that to the present German Government the very meaning of the word 'honor' is unknown." He added, "The best help that we could give Russia is to keep on battering Hitler as much as we can."

Molotov Broadcasts

Part of the text of Foreign Minister Molotov's broadcast on the outbreak of war with Germany, as translated by Tass, Russian news agency, follows:

"Citizens of the Soviet Union: The Soviet Government and its head, Comrade Stalin, have authorized me to make the following statement: Without any claims having been presented to the Soviet Union, without a declaration of war, German troops attacked our country, attacked our borders at many points and bombed from their airplanes our cities, wounding and killing over 200 people. There were also enemy air raids and artillery shelling from Rumania and Finnish territory. The attack on our country was perpetrated despite the fact that a treaty of non-aggression had been signed between the U.S.S.R. and Germany and that the Soviet Government most faithfully abided by all provisions of this treaty. The Government calls upon you, citizens of the Soviet Union, to rally still more closely around our Soviet Government and around our leader, Comrade Stalin. Ours is a righteous cause. The enemy shall be defeated. Victory will be ours."

Buckwheat Has Definite Role

Can Play Important Part This Year In War Effort of Ontario Farmers, Says John D. MacLeod

Buckwheat has an important place among Ontario grain crops, and this is particularly true this year when maximum yields of home-grown grains are essential to Canada's farm war effort, says John D. MacLeod, Crops, Seeds and Weeds Branch, Ont. Dept. of Agriculture, Toronto.

Buckwheat may be included in rations for all classes of live stock and is resistant to soil insects. It makes an excellent green manure crop and cannot be beaten as a smother crop for weeds.

FOR STOCK FEED

The seed may be sown as late as the first week in July in many sections of the province and is adaptable to a wide variety of soils. Silver Hull and Rough or Rye buckwheat are the varieties usually sown at the rate of 1 to 1½ bushels per acre. Weedy pastures and weedy hay fields may be broken at this time, worked thoroughly and sown to Buckwheat. If soil and moisture conditions are favorable, the crop will be up in four to six days.

If sown too early, Buckwheat will lhave a damaging effect on the clover honey crop and it is suggested that seeding be delayed until after June 15th each year.

Clean, well-graded healthy seed and a well-prepared seed bed are essential to maximum yields.

Mr. MacLeod cautions that mouldy Buckwheat seed should not be sown as it will not give good results.

Outdoor Meals In Summertime

It's Fun to Take to the Air When You Eat, In Hot Weather

If you've a porch, a verandah or a back-yard, you've an extra summer room—for working, eating, entertaining, or what you will. You've probably got some garden chairs and could supplement them with shabby bits of indoor furniture painted with a couple of coats of outdoor paint. Make a tablecloth and cushions of oilcloth which won't be ruined when someone leaves them out all night and make the table-cloth like a loose-cover (fitting at the corners) so you'll never be bothered with that aggravating flapping.

NEED SOME SHADE

Make up your mind to eat in the garden. On the really hot mornings (which we can but imagine at the moment) there's nothing so exhilarating as breakfast in the garden. Pile it up on your tea trolley or tray and run it out. If your kitchen window happens to look straight out on your summer parlor, so much the better, for you can stretch for things on the kitchen table. One little investment we should advise you to make, however, if you really mean to have lots of meals out (and you'll find them useful for meals in bed as well); get a few metal plate-covers so that you can carve in the kitchen and still serve meals up really hot. Failing plate-covers, a soup-plate inverted over the helping will keep it steaming till the knife and fork are applied. In the hottest day you'll need some shade. If you haven't a big umbrella or if it won't stick into the paving or asphalt, can you rig up an awning from the side of the house?

Gold production in Canada during the first two months of the current year amounted to 846,989 ounces valued at $32,609,076 compared with 829,746 ounces valued at $31,945,221 in the corresponding period a year ago.

Padre to Officiate

Canon Frederick George Scott, beloved Padre of the First Canadian Army will officiate at an inspiring drumhead ceremony in Riverdale Park, Toronto, on Sunday, July 6th, a feature of the "Goodwill Invasion of Canada" by the American Legion.

LIFE'S LIKE THAT — By Fred Neher

"What if I did throw away the bills on your desk . . . . you weren't gonna pay them anyway! ! !"

REG'LAR FELLERS—Real Sorrow — By GENE BYRNES