

RAPID EXHAUSTION OF OUR FORESTS

Prof. Howe Says School
Books and Politicians
Mislead Public.

That the timber resources of Canada are not inexhaustible, but that there is need of intelligent and scientific forestry work in the forest areas of the country, was the message of an address by Prof. C. D. Howe, associate professor of forestry at the Toronto University, before the Electric Club of Toronto at their luncheon in the Prince George Hotel yesterday.

The subject of Prof. Howe's address was "Forest Conditions in Canada." The luxurious forests of the world lie adjacent to large bodies of water, and a forest map of Canada would show two large forest regions, one on the Pacific coast and the other along the Atlantic coast. Rainfall and humidity make the forests; forests do not make rainfall to any appreciable extent.

Canada has two large bodies of commercial timber, each containing about 200,000 square miles, one in the east, one in the west, separated by a region of about 200,000 square miles of treeless plains and prairie.

Thus we have only about 400,000 square miles capable of producing saw logs. There is in the trans-continental northern belt approximately 15 million square miles in extent from which we may obtain pulpwood supplies, but probably never saw logs in any considerable quantities. One-third of the geographical area of Canada is incapable of bearing trees. Probably over one-half of our commercial forest area has been burned.

Not illimitable. "Our school books," said Prof. Howe, "give us the impression, often the public press, the political spin-doctor, the government official high in authority, give the impression that unbroken commercial forests extend to the Arctic Ocean, that the forest resources of the country are illimitable and inexhaustible. We know for a certainty now that the forests are not illimitable. There is a very grave danger of serious curtailment, perhaps exhaustion, of the supply within a comparatively few years."

The general grounds for this fear of exhaustion are two, namely, the enormous destruction of the supply by forest fires, and the failure of commercial species adequately to reproduce themselves on cut-over, unburned lands.

IMPORTANT NOTICE TO THOSE WITH WEAK, FALLING, DULL LIFELESS HAIR

7-Day "Harlene Hair-Drill" Home
Outfits FREE TO ALL

Nothing alive in nature stands still. You go forward or backward. Thus, your hair is either healthy or unhealthy. "Healthy" is the word to apply to their own hair. The health of the hair depends upon the health of the body, needs close attention, and the hair is the result of their hair and watch its every variation.

The question is how to restore hair health so that this most serious natural asset may take on once more its radiant lustre, its thick luxuriant growth with every delicate tint gleaming forth. Fortunately arrangements have been made to send absolutely free of charge to every man or woman who is troubled with dull, lifeless, impoverished hair, a complete 7-day "Three-Fold Hair-Beautifying Gift." There is no cost or obligation entailed.

1,000,000 HAIR-HEALTH GIFTS FREE

The arrangements for this gigantic hair health campaign have been prepared by Ed-



Every reader who desires beautiful and richly-growing hair should send the coupon below for the Splendid Three-Fold Hair-Beautifying Gift.

1. A bottle of "Harlene," the true liquid food and tonic for the hair, which stimulates it to new growth.
2. A packet of the marvelous hair and scalp cleaning "Crown Shampoo," which prepares the head for "Hair Drill."
3. A copy of the new edition of "Harlene" Manual, giving complete instructions for use.

The value of this great gift has been amply testified to by those most famous for their hair beauty. Beautiful actresses and the Queens of the Cinema world all gladly endorse the fact that the "Harlene Hair-Drill" way is the safest, surest way to hair health, abundance and beauty.

Why not try this great yet simple scientific "Harlene" hair-growing experiment at once? Write for the Free Outfit today. Simply fill in the coupon below and enclose with 10 stamps to cover postage.

Further supplies of "Harlene" can be obtained as required from your Drug Store at \$2.50, \$1.00 and \$1.50. "Crown Shampoo," "Harlene" Manual, 25c per box of seven shampoos. Or post free on receipt of price from Frank L. Bennett & Co., 41 St. Alexander Street, Montreal, Que. (Agents for Edwards' Harlene, Ltd.).

Fill in and post to Frank L. Bennett & Co., 41 St. Alexander Street, Montreal, Que. (Agents for Edwards' Harlene, Ltd.).

Dear Sirs—Please send me your 7-day "Harlene" Hair Drill Outfit. I enclose 10c in stamps for postage.

NAME _____
ADDRESS _____

Some Diamond Facts From Scheuer's

All sources of Diamond supply open to other large buyers are open to us.

We have been wholesale Diamond Importers in Canada for forty-seven years.

During that time we have never yet represented the value of a stone to be greater than it actually was in the world market.

We do not claim to have, on the average, more perfect stones than other firms.

Nor do we claim to buy our stones closer than other firms.

What we do claim is that we buy as close as others; our stock is exceptionally large and well selected, and we sell Diamonds to the public at wholesale prices, at a closer margin of profit than other houses.

Here are a few items from our stock, all bought wholesale, and marked at a very moderate profit for handling and setting:

RINGS
Rings, 18-carat gold, with one good-sized very fine Diamond, set in platinum, \$25.00, \$28.00, \$35.00, \$50.00, \$70.00, \$90.00, \$100.00.
18-carat Gold, Platinum Crown, with five very fine Diamonds, \$50.00.
14-carat Gold Onyx and Diamond, \$10.00, \$15.00, \$25.00, \$50.00.
14-carat Gold 7-diamond Cluster, \$50.00.

EARRINGS
Earrings, matched pair of tiny Sparkling Diamonds, for misses, \$15.00. Larger Diamonds, \$28.00, \$32.00, \$43.00, \$80.00, \$100.00 and up to \$800.00.

TIE PINS
Tie Pins, 14-carat gold, wishbone design, with tiny sparkling Diamond, \$5.00. Diamond set in black onyx, \$10.00. Very Fine Diamond in 14-carat gold, claw and fancy platinum settings, \$10.00, \$15.00, \$25.00, \$35.00, \$50.00.

LAVALLIERES
Chain and Pendant, all platinum, set with fine Diamonds, \$75.00, \$100.00, \$225.00.
14-carat white gold, \$10.00, \$17.00, \$22.00, \$28.00, \$35.00, \$50.00.

BARPINS
14-carat white gold, set with fine sparkling Diamonds, \$15.00, \$18.00, \$22.00, \$32.00, \$40.00, \$75.00, \$90.00.

OPEN EVENINGS **SCHEUER'S** **GIFT BOXES**
131 Yonge Street
The Oldest Established Wholesale
Diamond Importers in Canada

DIAMONDS

duce themselves on cut-over, unburned lands.

The known effect of repeated forest fires upon the reproduction of commercial species is the reason that thinking men have very grave fears for the adequacy of the future supply of timber in the country.

Speaking of forest fire protection, Prof. Howe went on to say that we cannot have a really effective and successful forest fire protection until it is run on a business basis.

The 400,000 square miles which are capable of bearing commercial timber are mostly crown lands. They belong to the people, who do not realize what the perpetration of the lumber industry means to Canada in the employment of labor and the production of wealth. They do not realize that the greater proportion of provincial revenues comes from the forests, and what the falling of these forest revenues will mean in terms of the tax budget. If the people realized these things they would insist that these forests be managed reasonably, safe from destruction by fire.

Canadian Ensign, I.O.D.E., Victory Christmas Trees

Fifty soldiers from Davillville Hospital were entertained by the Canadian Ensign Chapter, I.O.D.E., at the Central Y.M.C.A. yesterday afternoon. The program consisted of a "Victory Christmas Tree" and musicals, the whole ending with a tea charmingly served.

T. J. Coo made a fine Santa Claus and handed out the generous gifts from the tree, the returned heroes evidently enjoying the Christmas remembrance. The musical program, which was exceptionally good, was in charge of Mrs. Geo. W. Harris, those taking part being Ruthven MacDonald, G. E. B. Wheeler, Max Fleishman, Ben Hoke, Mrs. Rodan Farman, and Irene Pattison. Mrs. A. E. Cantle and Dr. Lucas Bennett poured tea from silver urns and the table was decorated with ribbons of scarlet satin and pale pink chrysanthemums.

An unexpected note in the program was the presentation of a handsome silk and silver satchel to Mrs. W. R. Jackson, regent of the chapter, by some of the members, in recognition of her fine patriotic work and the esteem of those associated with her. Thanks and three cheers from the men were also given their hostess.

Among those who assisted were Dr. James J. P. Patterson, H. Martin, C. J. Keddie and R. G. Wooten.

FLIGHT LIEUTENANT KILLED.

Flight Lieutenant Donald D. McAlpin, Royal Air Force, who was well known in Toronto, was killed in an aviation accident about the end of October. An uncle, Dr. V. H. McAlpin, Warren, Pa., and his mother, Point Loma, California, were his nearest relatives.

Mr. McAlpin was a contributor to The Sunday World while he was in Toronto.

YORK RAILWAY YARDS.

The visit of General Superintendent Bouker and Terminal Superintendent to the York yards yesterday gives credence to the report that the G.T.R. is about to reopen the yards. The rumor, it is further reported that the engine house will be put in shape to house locomotives, and this will involve an expenditure of approximately \$30,000. The increased volume of traffic is responsible for this action.

EMBRYO DRUGGISTS RECEIVE DIPLOMAS

List of Successful Students at
Ontario College of
Pharmacy.

The results of the Ontario College of Pharmacy junior examinations recently held are as follows:

First-class honors (in order of merit): Luther M. Budd and Allan P. Roberts (equal), Wm. Mark Mounfield, Herbert F. Crooks, Robert P. English, M. A. Dowd, Bart C. Loft.

Second-class honors (in order of merit): Florence Y. Boyce, Groves C. Henry, Chas. R. Eald, G. S. Young, Norman D. Keller, Frank G. Greatrix, Herb. S. Stanley, P. A. Lambertus, Geo. C. Arnald, Lorne Geddes, G. C. Martin.

Pass list: L. Creighton DeWolfe, John W. Elliott, W. G. Evans, J. B. Haslam, E. R. Hewson, E. Caryl Jacques, Joseph S. Johnston, G. L. Lansbury, C. P. L'Heureux, Percy E. McCool, J. J. O'Halloran, John H. Prudham, C. R. Reid, Gordon Schaefer.

Shared in pharmacy, chemistry, physics and biology: Thomas McDermott.

Highest in subjects: Pharmacy: Allan P. Roberts, Luther M. Budd, W. M. Mounfield. Latin, poeology, etc.: L. M. Budd and C. R. Eald (equal), Herbert F. Crooks. Practical chemistry: A. P. Roberts, Bart C. Loft, Robt. P. English. Chemistry: L. M. Budd, A. P. Roberts, R. P. English. Physics: Herbert F. Crooks, C. R. Eald and W. M. Mounfield (equal). Biology: Florence Y. Boyce, Luther M. Budd, Wm. M. Mounfield.

The supplementary examinations will be held at 9 a.m., Jan. 2, 1919. The lectures of the senior term will commence on Jan. 3, 1919, at 10 a.m.

City Gets Judgment
For \$24,000 Against T.S.R.

By the judgment handed out by the first appellate court yesterday, a Christmas box to the extent of \$24,000 has been handed to Toronto. The judgment upheld the penalty of that amount imposed by the Ontario Railway and Municipal Board on the Toronto Railway Company for failure to comply with the board's order to provide 100 additional new cars on their service by January the first, 1919.

The order further provides that another 100 new cars be ready by January 1, 1919.

Assistant City Solicitor Fairly, who conducted the case, holds that a further fine of \$24,000, covering the period from April 17 up to the present, can also be collected. He will recommend that the board of control proceed to that end.

It will teach the Toronto Railway Company that they must obey the railway board and the courts," said the learned judge.

The judgment was written by the chief justice of the court, who says: "That the appellant did not comply with the order of the board of the 27th of February, 1917, is admitted, but it is contended that, in good faith, made all possible effort to comply with it, but was unable to do so owing to the war and other conditions, to get cars built or to obtain the steel and the labor necessary for the building of them that work had been undertaken by the appellant itself."

SAVING MADE EASY.

In their efforts to get again upon their feet financially the nations are failing back upon the good old method of saving. Some there were who imagined that progressive nations had got beyond this method; but they have not. All authorities agree that saving is the means thru which noble financial and industrial conditions can be restored.

Those who administer the finances of Canada have wisely concluded that chiefly thru saving this country will resume its normal industrial and financial life. It is the basis upon which confidence can be restored and provision made for the extended operations of the future.

In the war savings plan recently announced the Dominion Government has provided an admirable method for the gathering up of the surplus money of all the people. It is simple, sound and produces splendid returns in the form of interest. The plan is this: pay \$4.00 now for a War Savings Stamp and in January, 1924, the government will pay \$5.00 for the same. This is saving made both easy and profitable.

BANK FINED.

James Ross appeared before the Bank of Hamilton, in the police court yesterday, charged with a breach of the bylaw which prohibits smoke from a furnace becoming a nuisance. The bank paid \$25 and costs.

A. E. Bullock was charged with selling highly adulterated maple sugar. He paid \$44 and costs.

Mills paid the same for a like charge.

WILLS AND BEQUESTS.

Mrs. Lucretia Querques, who died Sept. 13, 1917, left an estate valued at \$10,837, which will be divided between three children and two grand-children. One bequest gives \$50 to Rev. Father Vigilant, of the Church of Our Lady of Mount Carmel, for masses for the repose of her soul.

Daniel Haney, a laborer, who died Dec. 8, left an estate of \$372, which he directed to be divided between his sisters, Mrs. Hattie Dunlop, Mrs. Eleanor Melvin, his brothers, John, James and Samuel, also the five children of his dead sister, who lives in the old country.

Alfred W. Curry, a shoemaker, who died Nov. 6, left an estate valued at \$3,665, to be divided between two sisters and two brothers.

Mrs. Christina Dix, who died at Woodbridge, Nov. 2, left an estate valued at \$2601. It will be divided between three sons and two daughters.

GARRETT BOYS SAFE.

Flight Lieutenant Beverley Garrett has arrived in London; was the word received by cable by his father, A. N. Garrett, sporting editor of The World.

Lieut. Garrett was held in a German prison camp for six months. He was formerly well known as a Rugby player, as was also his brother, "Dad" Garrett, who is now convalescing from wounds in London.

TRUCKS! TRUCKS! TRUCKS!

THE ROYAL AIR FORCE TRUCKS
FOR SALE BY

THE UNIVERSAL CAR CO., LIMITED
621 Yonge Street

FORD DEALERS

The Royal Air Force have consigned to us 57 Ford one-ton trucks. These trucks have only been in service on an average of six months. They have been thoroughly overhauled and painted and are in A1 condition. Some of these trucks have canopy tops and can be used for carrying passengers, and some have stake sides. They all have double ventilating windshields. This is a great opportunity to purchase a ton truck at an exceptionally low price. They will be sold either for cash or on the time plan, which means one-third of the purchase money in cash and the balance in ten equal monthly payments. Anyone wanting a truck should not delay in looking these over at once, as they are to be sold without reserve.

THE UNIVERSAL CAR CO., LIMITED
621 Yonge Street Phone North 2400

TWO TRAINLOADS OF HAPPY HEROES

Melita Men Arrive at North
Toronto and Receive
Warm Welcome.

Two troop trains with all the men for this district who came over on the "Melita," numbering 300, arrived at North Toronto station last evening.

The friends and relatives lined the passageway, which was roped off, and filled the waiting-rooms. There were also other hundreds who had expected no relatives, but who turned out with grateful hearts to welcome Toronto's heroes back.

The first train arrived at 6.55, on time. "On the 15 coaches were chafed various plucky legends, such as 'Did we win, Willie? Well I guess so' and 'From Mons.' The men quickly detained, and those whose homes are in Toronto were directed down to where their loved ones waited for them. Nearly all were carrying their rifles and bayonets, with their trench helmets and kits strapped on their backs.

As all rifles must be handed in and a receipt given for them, there was a slight delay for 'out-of-town' men, but in a few minutes all were cleared and on their way to the Red Triangle Club, where they will be taken care of until tomorrow.

At 7.30 the second train arrived, and in ten minutes the train platform was cleared and most of the soldiers were on their way to those who have watched and waited for them since they left, some over three years ago.

In Collision.

Col. Ginn, D.O.C., Mayor Church, Mayor Gibson and many other military and civic personages were on the platform.

When questioned as to their treatment coming across, they had nothing good to say about the Melita, but they were warm in their praise of the comforts provided for them on the train. Every berth was fitted with good mattresses and blankets, and the food was excellent.

A slight delay was caused to the first train when but a few minutes from Montreal. The troop train ran into an empty freight train, probably over an open switch. No damage of any extent was done to the troop train, but several of the freight cars were smashed.

A great deal of praise is due the C. P. R. line for bringing the two troop trains in within half an hour of each other, and also to Major Goodwin Gibson for the quick disposition of the men.

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Immediate Spot Delivery

BABBITT SOLDER
PIG LEAD ALUMINUM
PIG TIN ZINC

CARLOAD LOTS OR LESS

THE CANADA METAL CO., Limited
TORONTO

"RED SHIELD" DRIVE
FOR ONE MILLION

The Salvation Army is about to launch a campaign to raise one million dollars for war and demobilization purposes.

The Duke of Devonshire, governor-general of Canada; Sir Robert Borden, Sir William Hearst, Sir Wilfrid Laurier and many other prominent citizens have endorsed the scheme, and strong committees have been formed for the purpose of boosting the object.

The Salvation Army intends to use the money for three purposes:

(1) To establish hostels for returned soldiers who are discharged and in need until they are absorbed into industrial life.

(2) To provide emergency receiving maternity homes for soldiers' wives, widows and dependent children in need.

(3) To continue during demobilization in England and France the equipment and comforts already provided by the Salvation Army for the Canadian soldiers overseas.

The campaign will be from January 19 to 25.

**WEST COMES TO EAST
TO STUDY NEUROLOGY**

Officers of the army medical corps from all over Canada are recognizing that Toronto has the best neurological hospital in the country. Acting under orders from the director of medical services, Capt. S. H. Manchester of Vancouver neurological military hospital has arrived in Toronto and will study the method used by the central consultant in this City, and at its branches, on and after SATURDAY, the 1st of February, to Shareholders of record of the 23rd of January, 1919.

The Annual General Meeting of the Shareholders will be held at the Head Office of the Bank in Toronto, on Wednesday, the 26th of February next, at 12 o'clock noon.

By order of the Board,
Toronto, December 20th, 1918.

THE STANDARD BANK OF CANADA

QUARTERLY DIVIDEND NOTICE NO. 13
NOTICE is hereby given that a Dividend at the rate of THIRTEEN PER CENT. PER ANNUM upon the Capital Stock of this Bank has this day been declared for the quarter ending 31st of January, 1919, and that the same will be payable at Head Office in this City, and at its branches, on and after SATURDAY, the 1st of February, to Shareholders of record of the 23rd of January, 1919.

The Annual General Meeting of the Shareholders will be held at the Head Office of the Bank in Toronto, on Wednesday, the 26th of February next, at 12 o'clock noon.

By order of the Board,
Toronto, December 20th, 1918.

C. H. EASSON,
General Manager.

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