

CROWN LANDS OF PROVINCE VERY VALUABLE ASSET

Interesting Report on Survey and Classification Now Being Carried on--- An Estimated Value of \$48,000,000---Much Land has been Devastated by Fire of very Recent Date.

INTERESTING FACTS DISCLOSED BY THE FOREST SURVEY

The work of surveying and classifying the Crown Lands of the Province has progressed to an extent where many interesting and instructive conclusions may be drawn from the work already accomplished. To date the field parties have surveyed and examined 550,000 acres. Of this the mapping and compiling of 371,000 acres have been completed, giving the following results:

282,064 acres of merchantable timber suitable for logs or pulp.
6,109 acres of second growth not yet large enough for logs or pulp.
42,364 acres of burnt land, on which there is sufficient reproduction to assure a future crop of timber.
33,794 acres of burnt land, on which satisfactory reproduction is not yet established.
4,199 acres of barren, treeless land, including caribou barren cranberry bogs, etc., swamp land not supporting commercial growth.
2,570 acres of cleared or cultivated areas.

The commercial timber on the 282,064 acres of timber land is estimated as follows:

Spruce	139,506	thousand board feet.
Fir	96,627	" " "
Pine	19,240	" " "
Cedar	34,821	" " "
Hemlock	7,474	" " "
Birch	97,956	" " "
Maple	30,034	" " "
Beech	12,838	thousand board feet.
Other species	8,366	" " "

Making a total of446,862

There is in addition to the above 583,138 cords of spruce and fir pulp, 60,901 cords of poplar pulp, 84,346 cords of white birch spool wood, giving a total of 728,385 cords, which, assuming that two cords will equal one thousand board feet, will be equivalent to 364,192 thousand board feet, making a grand total of 811,064 thousand board feet on the 282,064 acres of timbered land, or an average of 2900 feet per acre.

Again, assuming that the 371,000 acres examined is fairly representative of the entire area of 7,500,000 acres of Crown land, the total stand of all species would be approximately 16,220,000 thousand board feet, worth in stumpage at least \$48,000,000. The harvesting and marketing of this crop will distribute among the people of this Province some three hundred million dollars.

Another important fact observed is that although 33 per cent. of the timber stand (that is 5 or 6 billion feet) is represented by hardwoods—maple, beech and birch—yet these species form only 1½ per cent. of the annual cut of the Province. A great deal of the hardwood stand is very suitable for the manufacture of flooring, dimension stock for chairs, turnery, etc.,

CAN GET ALONG WITH BUT ONE MEAL A DAY

Could Do Without Either Dinner or Luncheon if He Had Enough at Breakfast Time.

(Chicago News.)

"No," said the man with the self-satisfied grin, "I never eat any breakfast. I haven't for years. Breakfast used to be my favorite meal. I used to eat very hearty breakfasts, but I felt bad all the time. I used to suffer from colds, lumbago, hangnail—"

"And now since you have cut out breakfasts," prompted the impatient man.

"Why, I feel as fine as a fiddle all the time. I eat well and sleep well and take the greatest pleasure in my work. No, I never eat breakfast—"

"Well, I do," answered the impatient man. "I do eat breakfast and I intend to stay with that honored custom of my forefathers as long as I live. Breakfast is the only meal I care anything about. It is the only meal I care anything about. It is the only meal worth having. I could get

and much of it is superior in quality to that used in large quantities in the New England States for the above mentioned purposes.

Many of the stands are over-mature and deteriorating, thus making the question of utilization a very urgent one, and would it not appear wise, as well as profitable, to turn from some of the over-cut spruce stands, allow them to recuperate, and try to solve the problems of hardwood utilization.

The estimate prepared by the Forest Survey shows large amounts of poplar, and this brings forward the question of soda pulp plants, and in view of the large quantity of raw material available, it would seem that a plant for the manufacture of poplar pulp would be a very paying investment.

One of the most interesting and vital questions, however, and one from which we should profit in the future, is that of burned land. Of the total area examined, 82,270 acres have been burned by fires of fairly recent date. Had this area not been burned over, there would have been, besides the amount logged from time to time during the period since the fire, 238,000 thousand board feet of merchantable timber, worth at least \$714,000, and the harvesting of which would have yielded to the people of the Province through wages, provisions, etc., \$4,000,000. Assume again that the area represents an average of the Crown lands, and we find that the loss to the Province in stumpage during the past forty years has been some \$14,280,000, and some \$80,000,000 that would have been brought into the Province by the sale of lumber products has been turned elsewhere.

The forest land of New Brunswick could be adequately protected by an annual expenditure of three-quarters of one cent per acre, \$50,000 to \$75,000 per year. In order to save the expenditure of \$75,000 a year, it would appear that we have during the past forty years, lost in stumpage \$14,000,000, and have turned into other channels \$80,000,000.

Confronted by these facts, what will be the future answer to the Forest Protection question?

P. Z. CAVERHILL,
Director of Forest Survey.

5th April, 1917.

CROWN LAND ESTIMATE

Supplementary Statement Showing Amount on 513,000 Acres Covered.

To supplement my statement of the 5th of April, I would say that up to date 513,000 acres have been compiled. The estimate on this shows the following figures:

395,359 acres of merchantable timber suitable for logs or pulp.
14,931 acres of second growth not yet large enough for logs or pulp.
52,910 acres of burnt land, on which there is sufficient reproduction to assure a future crop of timber.
34,343 acres of burnt land, on which satisfactory reproduction is not yet established.
12,585 acres of barren, treeless land, including caribou barrens, cranberry bogs, etc., swamp land not supporting commercial growth.
25,071 acres of cleared or cultivated areas.

The commercial timber on the 395,359 acres of timber land is estimated as follows:

Spruce	157,098	thousand board feet.
Fir	102,186	" " "
Pine	19,240	" " "
Cedar	36,142	" " "
Maple	32,959	" " "
Birch	106,383	" " "
Beech	14,824	" " "
Other species	20,354	" " "

Making a total of489,186

There is in addition to the above 680,618 cords of spruce and fir pulp, 66,254 cords of poplar pulp, 99,026 cords of white birch spool wood, giving a total of 845,898 cords, which, assuming that two cords will equal one thousand board feet, will be equivalent to 422,949 thousand board feet, making a grand total of 912,135 thousand board feet on the 395,359 acres of timbered land, or an average of 2,300 feet per acre.

The 140,000 acres which were covered last winter in the vicinity of the National Transcontinental at North Branch and Pangburn was generally a second growth stand and open barrens, which has cut the average per acre down considerably, and I do not think that the total area at the present time is as representative of the whole Crown land area as the 371,000 acres on which the former comparison was made. Therefore I have not attempted to draw the conclusions from this last area as from the former. I might say that the stand in which party No. 4 is working at the present time will run as high as eight to ten thousand feet to the acre over considerable areas, which will balance the area covered last winter, and so again bring our estimate to a higher figure.

P. Z. CAVERHILL,
Director of Forest Survey.

Cook's Cotton Root Compound.

A safe, reliable regulating medicine. Sold in three degrees of strength—No. 1, \$1; No. 2, \$3; No. 3, \$5 per box. Sold by all druggists, or sent prepaid on receipt of price. Free pamphlet. Address: THE COOK MEDICINE CO., TORONTO, ONT. (Formerly Windsor.)

along without dinner, luncheon, supper, tea or anything else if I could with its assistance. Just bring me a breakfast and I'll eat it any time.

"If I had my way there would be no other meal served. First, I would have breakfast at 7.45 a. m. It would consist of baked apple, Scotchman's oatmeal with cream and a cup of coffee.

"Along in the middle of the day I would have another breakfast consisting of fried cornmeal mush and a big batch of hot cakes and coffee. For my next meal I would have another breakfast of fried ham and eggs with toast, or I could take a few hot rolls or buns or a pan of hot oven biscuits.

"If you believe in four meals a day and many sensible people do, it would be dead easy to work in another breakfast at about 4 in the afternoon with hot waffles and cornmeal muffins.

"There is no banquet where the eats are any improvement on break-

fast fare. In fact, I wouldn't mind going to a banquet once in a while if they would serve good old fashioned breakfasts instead of pate de foie gras, chili con carne, ravioli and such. A man could just as well put on a bug shaped coat and eat corn beef hash and buckwheat cakes as those fancy pastry things.

"And so, my dear friend, if you insist on going without a meal don't let

MILLAIS' PICTURE HAS A NEW EXPLANATION

A lady and gentleman were standing before a picture by Millais, called "Trust Me," in which an elderly squire confronts his daughter, who holds a letter behind her back.

The picture admits of more explanation than one, for Mr. Millais has that rare faculty of putting blended expressions into his faces which puzzle us, as the expression of real faces do, says London Tit-Bits.

But the one this gentleman was overheard giving his companion is as new, we will be bound to say, to the painter as to our readers. "You see," he said, "she has got a letter in her hand which she is keeping back from the man in the red coat. Well, he is the postman, and has just given her the letter; I suppose is from abroad. She hasn't the money to pay the postage, so she says, 'Trust me.'"

U.S. TO GET CUBA'S SUGAR

(Canadian Press direct wire.)

Havana, Jan. 19.—President Menocal today placed his signature to contracts providing for the sale of the Cuban sugar crop to the United States.

The contract binds Cuba to send 2,500,000 tons of sugar to the United States for proportionate distribution among the Allied nations.

it be breakfast. Go without your dinner or supper or lunch instead. You can eliminate anything but your breakfast. Now, take sausage—"

"Oh, I never take sausage!" insisted the self-satisfied man. "Not on any account! A little fruit—"

"You don't get the idea at all!" retorted the impatient fellow. "Breakfast means breakfast. If you are just a little fruit you are still fasting. Little knickknacks like that do not even put a dent in it. You have to break your fast with something like friend brains."

The self-satisfied man's visage assumed a horrified expression.

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Best for liver and bowels, for biliousness, sour stomach and constipation.

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Furred Tongue, Bad Colds, Indigestion, Sallow Skin and Miserable Headaches come from a torpid liver and clogged bowels, which cause your stomach to become filled with undigested food, which sours and ferments like garbage in a swill barrel. That's the first step to untold misery—indigestion, foul gases, bad breath, yellow skin, mental fears, everything that is horrible and nauseating. A Cascaret tonight will give your constipated bowels a thorough cleansing and straighten you out by morning. They work while you sleep—a 10-cent box from your druggist will keep you feeling good for months. Millions of men and women take a Cascaret now and then to keep their stomach, liver and bowels regulated, and never know a miserable moment. Don't forget the children—their little insides need a good, gentle cleansing, too.

KODAKS AND BROWNIES

From the kindergarten days up, there's wholesome fun for the children, and lasting joy for all the family, in the Kodak and Brownie pictures the children make—and Christmas day, with its home pictures, is an excellent time to start.

Come in and see our stock of Kodaks and Brownies. There's no obligation.

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WHICH?

"This bulk tea is the best I could buy at the price, Mrs. Brown, but I believe you will like Red Rose better."

"We use Red Rose at home and like the rich flavor. My wife says it goes further."

Hundreds of grocers are making statements somewhat like this.

They have sold Red Rose Tea for many years and have found the quality so good that they use it in their homes.

Most grocers naturally like to make an extra profit on their bulk tea, but they cannot help recommending Red Rose Tea because they know it's worth the price.

They know it goes further because it consists chiefly of the teas from Assam in Northern India, the strongest, richest teas grown anywhere in the world.

Red Rose tastes better and goes further.

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Sealed
Package



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