

Jack Pine Suitable For Paper Making

The prodigal waste of taking out one kind of wood from a mixed forest and leaving the remainder to be destroyed by fire, wind or decay has brought about a shortage of supplies which compels the use of substitutes for the woods once considered essential. The search for substitutes has in many instances, revealed the fact that the substitutes are sometimes, not only equally as good, but are better than the original kind. A case in point is found in the manufacture of newsprint. Not many years ago, spruce was considered the only wood that could be used for this purpose. Gradually, and with much opposition, balsam was admitted in mixture with spruce, until now it is accepted in practically unlimited quantities.

We now find the despised jack pine suggested as a substitute for spruce, and the research departments of several of the progressive pulp and paper organizations have established the fact that it is quite feasible to use jack pine in either the sulphite or groundwood processes of paper manufacture.

At the instance of the Wayamack Pulp & Paper Co., Ltd., of Three Rivers, Arthur D. Little, Inc., carried on some investigations in their laboratories. They report that the fibres of jack pine are longer than the fibres of spruce, and that the amount of fats, resins and waxes, hitherto assumed to be prejudicial is not sufficient to preclude its use as sulphite pulp. It appears to require, however, a stronger acid and a longer cooking than other species, and must, therefore, be manufactured separately. In the mechanical or groundwood process, it is claimed that it will make just as good, if not better, pulp than any on the market.

The use of Jack pine for this purpose will materially prolong the productive life of the pulp and paper industry in Canada. Though there is as yet very little reliable information on which to base an estimate of the amount of jack pine in eastern Canada, it is thought that it would probably furnish not less than 60,000,000 cords of pulpwood, in the Prairie Provinces, there is perhaps twice the amount, and in British Columbia there is over 20,000,000 cords of lodgepole pine, which will reach merchantable size in a comparative short time. Much of this wood, no doubt, will be used for ties and lumber, but there will still remain a very considerable amount for pulp. The utilization of the jack pine as pulpwood will facilitate the exploitation of the spruce and other species in places where there is not sufficient of the latter alone to warrant logging

NERVES ALL GONE TO PIECES

"Fruit-a-tives" Conquered Nervous Prostration

R. R. No. 4, GILBERT PLAINS, MAN.
"In the year 1910, I had Nervous Prostration in its worst form; dropping from 170 to 115 pounds.
The doctors had no hope of my recovery, and every medicine I tried proved useless until a friend induced me to take "Fruit-a-tives".
I began to mend almost at once, and never had such good health as I have enjoyed the past eight years. I am never without "Fruit-a-tives" in the house". JAS. S. DELGATY.
50c. a box, 6 for \$2.50, trial size 25c. At all dealers or sent postpaid by Fruit-a-tives Limited, Ottawa.

operations, and it should greatly reduce the waste at present incident to the production of heavy ties. Jack pine possesses many qualities which recommend it as a continuous forest crop. It is extremely hard and will grow on the poorest soils, if not too wet, and is usually sound. It produces more profitably than any other conifer in eastern Canada, as is evidenced by the way it has replaced the original stands of white pine or spruce in many places, following cutting over. It grows rapidly and under natural conditions will attain pulpwood size in a shorter time than spruce or balsam.

Many other kinds of wood, including poplar, birch and hemlock, can be used in the pulp and paper industry, and it is hoped that further research will result in a more general utilization for this purpose.

Lumbermen Object To High Freight

Ottawa, Jan. 18.—The thirteenth annual convention of the Canadian Lumbermen's Association opened today for a two-day session with an attendance of 150 to the 175 members of the association. An address was given by President Dan McLachlan, of Arapahoe, who expressed doubt as to whether the price of lumber would materially decrease for a considerable time, chiefly on account of high freight rates and because present production for various reasons is away below the pre-war record.

The board of railway commissioners came in for a great deal of criticism.

Various speakers charged that it was unfair to the lumbermen that the personnel of the board did not include the right type of men, that rate increases were allowed almost automatically without the lumbermen being properly notified and that the usefulness of the railway board was past because of the fact that Canada now owned half of the railroads.

A joint international commission for railway problems affecting both countries was suggested.

J. B. Stewart said that the increased freight rates had brought to an end the shipping of lumber in Canada.

Great Saving In Coal Consumption

The mild weather enjoyed so far this season has provided a blessing in more ways than one. Its benefits have been well defined in each and every home where coal is consumed. Coal dealers report there has been a decided falling off in coal orders as compared with last year and the price is lower. Just to what extent the mild weather has affected a saving in coal cannot be determined now, as those who usually stock up in the fall are not, as a rule, called upon to replenish their supply until February.

The consensus of opinion among dealers, however, is that the mild weather this season has caused at least a saving of one third in coal consumption. This opinion is based on the orders received from those who buy from month to month, or a ton at a time. They are of the opinion that many who filled their bins in the early fall have made equally as good a saving as it has not been necessary to purchase their furnaces to capacity.

Fortunate For Public

One dealer says: "It has been a fortunate thing for the public that mild weather has prevailed. There has been a shortage in the supply. Because of the high cost of coal many dealers did not stock up to capacity, as they expected a drop at anytime. If the weather had been cold and severe like last year, the demand would probably have been greater than the supply would have taken care of. The general trade depression, which has caused a high unemployment, has probably caused some consumers of coal to exercise greater care in its use.

Expect Prices to Drop

There is a very slow movement on coal and lower prices are imminent, according to one dealer, but not much change can be expected before five weeks.

There is every reason to expect lower prices on soft coal. Many of the manufacturers having closed down their plants it is throwing an extra supply of soft coal on the market and the general householder will reap the benefit. The miners are now easing up a little on their prices. Most of the mines were tied up by arrangements made last fall and did not expect the slump in the industrial world. The mines are easing down on their output on account of the high wages they are paying. Many of them, it is said, will make a new start reducing wages and the price reduction must necessarily follow.

True wisdom, laboring to be proud,
Heareth other readily;
False wisdom, sturdy to deny, closeth
up her
Mind to argument.

—Tupper

A Quick Relief for Headache

A headache is frequently caused by badly digested food; the gases and acids resulting therefrom are absorbed by the blood which in turn irritates the nerves and causes painful symptoms called headache, neuralgia, rheumatism, etc. 15 to 30 drops of Mother Seigel's Syrup will correct faulty digestion and afford relief.

New Manager For C.P.R. Hotels

Mr. Frank L. Hutchinson, after many years service has resigned his position as manager in chief of Canadian Pacific hotels to engage in other business, and Mr. Andrew Allerton is appointed general superintendent of Canadian Pacific hotels with offices at Montreal.

These announcements have been



ANDREW ALLESTON
New C.P.R. Chief of Hotel System.

made in a circular issued by Mr. C. E. E. Usher, passenger traffic manager of the C. P. R.
Mr. Allerton, who is well known as manager of the Algonquin Hotel, St. Andrews by the Sea, and the Place Viger Hotel, Montreal, entered the service of the C. P. R. in 1890 in the dining car department. In August, 1898, he was appointed manager of Windsor Street Station Dining Hall; in June, 1894, he became dining car conductor. In January, 1897, he was attached to the Chateau Frontenac, Quebec, and in February, 1906, he became clerk in the Place Viger Hotel, Montreal, of which he became manager in April, 1906. In



F. L. HUTCHINSON
Residing Manager-in-Chief of C.P.R. Hotel Dept.

June, 1906, he was appointed manager of the Algonquin Hotel, New Brunswick, and since November, 1919, has been managing both the Place Viger Hotel, Montreal, and the Algonquin.
Mr. Hutchinson, who is understood to have purchased a large farm in Vancouver Island, where he intends to reside, was born in London, Ontario, on August 10th, 1869. He entered the service of the Bank of Montreal in 1888 and remained there until 1901 when he became a member of the Montreal Stock Exchange. In March, 1906, he joined the C. P. R. service as assistant to the manager, Chateau Frontenac, Quebec, becoming manager in March, 1908. In June, 1911, he became assistant to the manager in chief of hotels, Montreal, and in April, 1913, manager of the Hotel Vancouver. In July, 1918, he resigned from the C. P. R. to manage the Windsor Hotel in Montreal but in April, 1919, he rejoined the service to become manager in chief of hotels.

Chatham Curlers Have Defaulted

Fredericton, Jan. 12.—Notification reached the Fredericton Curling Club today that Chatham, N. B., have defaulted and will not play their scheduled game at Halifax today for the McLellan Cup, indicative of the curling championship of the Maritime Provinces.
Under the rules Fredericton's date to play for the McLellan Cup was thus set forward a week to January 19th. Official of the Fredericton club declared this morning that it would be impossible to get satisfactory rink together to play for the cup on the date now allotted.

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CHATHAM, ONT.

BANFF'S FAMOUS CARNIVAL



Preparations are already being made for the annual carnival to be held at Banff amidst the glories of the Canadian Pacific Rockies. Banff is ideally situated for winter sports and this season the dates have been fixed from January 29th to February 8th inclusive. The Secretary writes that the programme is to be considerably extended. He says: "Our Ski Hill has now been completed in accordance with the suggestions made by the world's champion, Anders Haugen of Brocken, Minn., and we are confident that a new world's record will be established on our Hill this Carnival. We have decided to offer a substantial cash prize to the man who can beat the present world's record and to supplement this cash prize with a further prize of \$10.00 for every foot or portion of a foot by which the record is broken on our hill. We will also follow the same principle in connection with the amateur championship only in that case the inducement or reward will be in the shape of an especially attractive prize. We have at the present time four different jumps so that we will be in a position to stage competitions in all classes of this very spectacular and hair-raising sport.

"We expect that ladies hockey will be a very important factor in our sports this season. We have already been advised that the ladies of Vancouver under the leadership of Mr. Frank Patrick, of professional hockey fame, expect to compete. The Regents, the Champions of Western Canada, of Calgary, the Pacifica also

of Calgary, a team from Edmonton, a team from Vulcan, Alberta, and perhaps teams from Winnipeg and Ottawa are all expected to be on hand and compete with Vancouver and Ottawa for the Championship of Canada. A very elaborate trophy together with ten very attractive and costly prizes will in all probability be announced a little later in connection with this event.

"An ice palace will be constructed on a basis far more extensive than anything heretofore attempted and the resident engineer of the Dominion Government is now at work preparing the plans for same. We expect this palace when illuminated will be a view that will long live in the memories of those who will be fortunate enough to witness and see it. The palace will be stormed at different times during the Carnival by representatives of all the different sports indulged in, and it is expected that the fire works display on these occasions will be most interesting.

"Special attention will again be given to art and fancy skating and competition in these items on our programme promise to be very interesting. The Connaught Skating Club of Vancouver with a membership of almost three hundred, has written saying that the Club will be well represented and if we could be assured of some entries from Eastern Canada and the States together with the assured entries we will have from Winnipeg, Calgary, Edmonton and Saskatoon this feature of our programme would be one of



the biggest events ever attempted in Canada. Application will be made to the Amateur Athletic Union of Canada to have all these contests representative of the Canadian Championships.

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Over \$10, not exceeding \$30, 10c.
Over \$30, not exceeding \$50, 15c.

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The old reliable remedy for rheumatism, neuralgia, sore throat and sprains.
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Minard's Liniment always gives satisfaction. For any ache or pain, it gives instant relief.
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