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PRESERVING GAME FOR NATIVES

Recent events which have directed attention to the North West Territories and attracted population thereto have caused the Government to give careful consideration to new conditions which were seriously affecting wild life resources. Owing to the large influx of white trappers, both from other parts of Canada and from abroad, the wild life resources have been seriously threatened. The natives depend entirely on game for food and clothing and it was a question whether they could secure sufficient game to maintain themselves when the white man was allowed free access.

These natives, both Indians and Eskimos, are the wards of the Government, and if the game animals and fur-bearers on which they depend for existence were exterminated the Government would have to ration these people and apart from the heavy expenditure thus incurred, the natives would under such conditions rapidly deteriorate both physically and morally.

In order to secure continued reproduction of beneficial forms of wild life in areas which from immemorial times have supported Indians and Eskimos, such areas have been set aside as native hunting and trapping preserves, and in order to protect the bona fide resident trapper and trader the license fees for non-resident trappers and traders have been increased, so far as the remainder of the Territories is concerned.

Changes in the Regulations, under the North West Game Act, have accordingly been authorized by Orders in Council, on the recommendation of the Minister of the Interior, and in accordance with the advice of the Director of the North West Territories Branch.

Areas Reserved.

The areas set aside as hunting preserves comprise over 240,000 square miles and are located in different parts of the Territories so as to meet the needs of the scattered tribes. They are situated as follows:—

Peel River Reserve.—An area lying between the Arctic Red River on the east and the Yukon boundary on the west and extending northward from the 66th parallel of latitude to the confluence of the Peel River with the Mackenzie River.

Yellowknife Preserve.—Comprising the area extending north and south between Great Slave Lake and Great Bear Lake and from the Coppermine River on the east to the chain of lakes from River La Martre to Great Bear Lake on the west.

Slave River Preserve.—Being a tract of land between the Taltson and Little Buffalo Rivers and extending northward from Brule Point on Slave River to Great Slave Lake.

Victoria Island and Banks Island had already been created preserves by Order in Council, dated May 1, 1918.

License Fees Increased.

A new scale of fees has been established. In each case the fee for the resident remains as before, but the fee for non-residents has been trebled. The fees to be paid for a hunting and trapping license are: for a bona fide resident of the North West Territories, \$2; for a non-resident British subject, \$75; for other non-residents, \$150.

The fees for a license for trading in game are: for a bona fide resident, \$5;

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CANADA LEADS IN BUILDING WOODS

In developing natural resources, in order to secure the best results, two considerations have to be kept in mind; first the methods of harvesting or extracting those natural resources; and, second, the utilization of the product thus secured. So far as Canadian forests are concerned, the first is the function of the various forest authorities, federal and provincial, and the second is the work of the Forest Products Laboratories of Canada of the Forestry Branch of the Department of the Interior.

In a large number of uses for which wood is employed the strength of the material is an important consideration, hence reliable figures on strength are very valuable. Over fifty thousand tests on strength have been made to date at the Laboratories by modern standardized methods and authoritative figures relating to the mechanical properties of all Canadian woods of commercial importance are now available. An illustration was given by an incident which occurred a short time ago of the practical value of these figures. A Canadian corporation using large quantities of wood for a purpose where strength is very important was advised to use Douglas fir in place of the imported timber employed up to that time. It was objected that the Canadian wood was not nearly strong enough. The matter was referred to the Laboratories when Douglas fir was shown from recorded tests to be clearly the better wood and the result was the adoption of Douglas fir with an annual saving of thousands of dollars.

As stated above, figures relating to all Canadian woods of commercial importance are now available at the Laboratories. Several bulletins have been issued on the subject.

Douglas Fir.

Douglas fir (*Pseudotsuga mucronata*) grows to perfection in the moist valleys and on the lower slopes of the Coast range in British Columbia, where it forms about thirty per cent. of the total stand. It is also distributed through the Rocky mountains in the southern part of the province and in western Alberta. Throughout its range it grows in stands varying from almost pure fir to mixtures of red cedar, western hemlock, Sitka spruce, etc. Douglas firs commonly grow to a height of about 175 feet with a diameter at stump of 4 feet, while it is not uncommon to find trees of 250 feet in height and 7 or 8 feet in diameter.

It has been demonstrated by the results of investigations carried on at the Forest Products Laboratories of Canada, that the coast-grown fir yields a material of excellent structural properties and can be relied on, when within certain limits of rate of growth, to carry a safe working-stress of 1,600 pounds per square inch in members subjected to bending. The various mechanical and physical characteristics are given in Bulletin No. 60 of the Forestry Branch, Department of the Interior, entitled, "Canadian Douglas Fir," copies of which may be had by those interested upon application.

In addition to its use in structural members, such as beams, stringers, joints, posts, and columns, the wood is manufactured into quarter-cut flooring, making a very serviceable material of pleasing appearance. The clear lumber is also used for cross-arms, barrels, tubs, washing machines, wagon parts, panels, doors, and pipes. Veneer and ply-wood are manufactured from select logs and have a wide application. Douglas fir is replacing oak for car frames, since it has been proved to be superior for such construction, especially for posts. Now that Douglas fir can be efficiently treated with creosote oil, which protects it against the attacks of marine borers, it can be employed for piles in salt-water harbors, and its strength and lasting qualities in such situations have led to a rapid increase in its use in the construction of wharves, docks, and breakwaters.

A good sportsman makes a good worker.—Lord Kilsant.

Most of the success in the world has been won because of the spur of opposition.

The notice in the rooms of hotels which reads, "Have you left anything?" should be changed to "Have you anything left?"

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He Made the Crew.

"I've made the crew!" cried Frank Mason as he burst in upon his family. "That will mean harder training now," said Frank's pastor, who was calling upon the family.

"Yes," was the eager reply. "It will be the real thing now. I must be ready to step into the boat at six o'clock every morning, and every day that the water is fit we must row hard for an hour, and if we can't go out there are rowing machines for us to practice on. There's other training too and then early to bed!"

"And your diet?"

"Oh, yes, it's all carefully regulated," said Frank.

"Frank," exclaimed the pastor, with his face shining, "you make me jealous! What splendid enthusiasm rowing has aroused in you! What a world we should have if we could only inspire our young people with similar enthusiasm for Christ's service! Paul seems to have been aroused in a similar way when he saw the athletes of old. He admired their enthusiasm, their energy and their sacrifices to win in the Olympic games and gain the laurel wreaths that faded so quickly; and he bade his disciples contend as sincerely and intelligently for crowns that would not fade. I hope you will succeed in holding your seat in the crew, Frank, and that you fellows will sweep the lake! But when you are done and have more time wouldn't you like to help me kindle a similar enthusiasm in young people for the things that are bigger, better and enduring?"

Frank looked at his pastor thoughtfully. "I think I should," he said at last.

Minard's Liniment for Dandruff.

And Then He Flew Away.

The class in natural history was reciting. Finally the teacher asked, "Where is the home of the swallow?" Long silence and then a hand waved. "Robert, you may answer."

"The home of the swallow," declared Robert seriously, "is in the stummock."

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