## Canadian Forestry Journal, May, 1920.



Photo, Courtesy Mr. E. E. Lemieux.

YOUNG LIVE CANADIAN BEAVER.

that it cannot be considered as an important species for this purpose.

White pine, western white pine and sugar pine possess certain qualities which enable their use for some purposes, especially in ply-wood.

## Where for Black Walnut?

The amount of hardwood entering into the construction of an aeroplane is comparatively small, and there will probably be no difficulty in meeting one exception in perhaps black walnut, which is considered the best propeller stock grown in North Amare very unsatisfactory, but the best stand of 850 million feet in the United inches in diameter. The amount over

16 inches which will produce aeroplane material must, therefore, be very small. From 1914-1917 the cut was between 75 and 90 million feet annually, but it was greatly increased during 1918. Future cuts will be considerably below these figures. Extensive experiments have been conducted in splicing, lamination and plywood construction. It was found that wing beams can be built up so that they will have equal strength and stiffness to solid wood. This makes it possible to use inferior woods when protected by layers of stronger woods and also short clear pieces, which would otherwise be discarded, and effects a considerable saving in the actual amount of wood used. The cost of construction is higher, however, than when solid wood is used, and it is difficult to secure the same uniformity.