

areas, for instance, jack pine represents over 15 per cent. of the standing timber. Rior-don, Price Bros., and North American Pulp run from 10 to 15 per cent. Brompton appears to have none. The St. Maurice River territory has 20 to 25 per cent. of jack pine, while this timber on the Spanish River prop-erties predominates all other classes of stand-ing pulpwood. In the Upper Ottawa district, there are some 20 million cords of pulp-wood, with jack pine giving an additional 3 to 4 million cords.

Thus, the available supplies of timber for newsprint production is some 15 to 25 per cent. greater than has been estimated by the companies operating the areas. To put it another way, it has been estimated that the Province of Quebec has 155 million cords of paper-making timber. With the addition of jack pine the available resources will be increased to 185 million cords.

From experiments recently made, and suc-cessfully concluded, by commercial as well as laboratory practice, the fibre from jack pine was found to be about 25 mm. longer than that of spruce fibre, which makes it particularly suitable for newsprint. The pulp made from jack pine, when treated alone, proved to be as good as, if not better than, anything that can be purchased on the mar-ket.

Will cheapen operations

Therefore, it is possible for those compa-nies which in the past have been compelled to leave large areas of standing jack pine and cut further and further afiel from their mills, to begin afresh near the source of manufacture, with several seasons' run of the near-by product, and thus reduce the average of the cost ratio by a very substan-tial and profitable margin. The clearing of those areas will also make available the shut-in-balsam and spruce not economically workable in the past.

The additional advantage in respect to jack pine as a newsprint producer is in the fact that the tree grows more rapidly than any other conifer. As a rule, it is peculiar to dry and sandy soil. Its powers of natural reforestation, after fire, are greater than any other conifer. On the average, jack pine attains twelve inches diameter whilst a spruce grows six inches in the same period of growth. There are more cords per acre, on a given area of jack pine, than there would be even in black spruce, which prob-ably has the speed record to date.

Incidentally, besides those companies al-ready mentioned, Laurentide is high in jack pine holdings. The Provincial Mills and the Belgo Canadian also have a high per-centage of jack pine.

The causes which have kept this valuable timber from a practical consideration are: a remarkable degree of ignorance; much prejudice; a modicum of laziness, and, no doubt, the fact that only too often is In-vention still-born when Necessity has no need to function.

Clearly, the scientific and chemical re-source which has brought jack pine within the scope of the paper-maker, has given to Canada's forests a renewed lease of life; while to investors has accrued an unexpect-ed increment in the shape of increased phys-ical assets, where a decrease might reason-ably be expected through seasonable dep-letion of the reserves of what to date have been considered the only timbers suitable for paper production.

Jack-Pine, no doubt, is quite warranted in assuming the hyphen therein placed, which nowadays joins achievement to greatness.

A New Lookout Station

The New Brunswick Forest Service has constructed another lookout station this year on the Tobique watershed which overlooks 2,000 square miles. It has been built by the Forest Service in co-operation with the Fraser Companies, Ltd. and the New Brun-swick Railway Company.

Ontario's reorganization

Hon. E. C. Drury, Premier of Ontario, stated in the Legislature on April 25th, that a reorganization of the Department of Lands and Forests was in contemplation and would come probably within a month.

Our Empire's Timber

It is estimated that the British Empire possesses about twelve hundred million acres of forest lands and that only one-third are economically productive.

To the Canadian Forestry Ass'n,
Ottawa, Can.

"Judging from results already obtained your future activity will be marked with the continued success you so well deserve."

J. R. BOOTH, Ltd."