

THE NORTHERN LIMITS OF THE PRINCIPAL FOREST
TREES OF CANADA, EAST OF THE
ROCKY MOUNTAINS.

(Represented on the accompanying Map.)

BY ROBERT BELL, M.D., F.G.S., C.E., ASSISTANT DIRECTOR OF THE
GEOLOGICAL SURVEY OF CANADA.

On the accompanying map the general northern limits of the principal forest trees of Canada, east of the Rocky Mountains, are represented. The lines have been laid down chiefly from observations made by the writer during the last twenty-five years, extending from Newfoundland nearly to the Rocky Mountains, and from the northern United States to the eastern and western shores of Hudson's Bay. The limiting lines of the species which extend into the far North-west are drawn from information received from various officers of the Hudson's Bay Company, and from the data furnished by the accounts and maps of the different scientific travellers who have penetrated these regions. In the more southern regions, many details have been obtained from lumbermen and botanists which have helped to determine the lines with great accuracy in certain localities. Among the botanists may be mentioned Mr. A. T. Drummond, the late Dr. John Bell, Professors Lawson, Bailey, Macoun and N. H. Winchell, also the older botanists who have written on our flora. Thanks are due to my colleagues on the Geological Survey, Messrs. Richardson and Webster, for some facts on the distribution of trees in the Province of Quebec, and to Messrs. Fletcher, Ells and Broad, for others as to the Maritime Provinces, while Mr. A. S. Cochrane has made careful notes on this subject during our explorations in the North-west territories. To Captain William Kennedy, the Arctic explorer, now residing in Manitoba, thanks are due for