

of the enormous requisitions annually made by lumbermen upon our pine forests, is shown by the fact already referred to that during the years 1870, 1871 and 1872, the average number of logs banked upon the small streams tributary to the St. Lawrence and Ottawa was over five and one quarter millions annually.

The map which accompanies this report, and which is the joint production of Prof. Robert Bell of the Geological Survey of Canada and the writer, indicates our present knowledge of the northern limits of distribution of the leading forest trees in Ontario, Quebec and the Maritime Provinces. In the projection of this map the sources of information have been largely derived from personal observation of Prof. Bell and the writer, but, in addition, all reliable published lists have been consulted, and access has been had to the private notes of the late Dr. John Bell, Dr. D. MacLagan, of Edinburgh, and others; whilst from Mr. James Richardson, Mr. R. W. Ells, and some other members of the Geological Survey, and from Prof. Macoun, of Belleville, Prof. Bailey and Mr. E. Jack, C. E., of Fredericton, N.B., and Dr. Lawson, of Halifax, N.S., much valuable information has been obtained. Mr. A. J. Russell, of the Crown Timber Office, Ottawa, has also supplied some data connected with the distribution of the pine, besides being the source of some important facts and statistics regarding timber limits and the production of square timber, which have been freely made use of in this report. Possibly, as the country is further explored, the lines indicated on the map may be slightly changed, and some trees may be found of local occurrence—as in the case of the elm, basswood, plane tree and maple—in places considerably north of the limits laid down, and our information regarding the range of trees in Nova Scotia, New Brunswick and Prince Edward's Island is not quite so full as could be desired. The map will, however, be found to fairly represent the northern limits of distribution.

PRESERVATION OF THE TIMBER TREES.

So important is the lumber industry in Canada, that, looked at from a commercial point alone, perhaps no trade question has around it so much of interest as that of the conservation of our