order is the Saguenay Territory, 140 miles above the Point des Montes, at the head of the Gulf of St. Lawrence. The Saguenay River discharges, from the northward, the drainage of 27,000 square miles. This river is navigable for ships of the largest ourthen for a length of over 60 siles. Its surface is diversified by take, river, and stream, but the character of its soil forbids profitable settlement to any considerable extent. It must always continue forest land, and, judiciously managed, can furnish an inextaustible supply of lumber, chiefly spruce, as well as a large proportion of

Between the valley of the Saguenay and the next great umber region, the St. Maurice, a territory of 8,000 square miles interposes. The City of Quebec stands about midway between the Saguenay and St. Maurice on the shores of this territory. Its: _plus waters are discharged into the St. Lawrence by isolated bur sufficiently copious streams.

The St. Maurice River discharges the drainage of an area of 21,000 square miles into the St. Lawrence at a roint of 21,000 square miles into the St. Lawrence at a roint minety miles above Quebec. Its valley may literally be called a "land of many waters." A map of its territory resembles a section of a "plum pudding" where the fruit is uncommonity large and plentiful, more than any other object, so thickly is it studded with lakes and lakelets. Between the St. Maurice River and the Boute de l'Isle, the Leftand of Mourteal where the north harden of the

at the Island of Montreal, where the north branch of the Ottawa joins the St. Lawrence, a small valley of 9,600 square miles intervenes. It is drained into the St. Lawrence by its own streams, some of which are seventy to eighty

niles in length, and good floatable rivers.

The valley of the Ottawa covers an area of 60,000 square miles. It is traversed throughout its greatest length by the river from which its name is derived, and which may be said to encompase the whole area on the south, west, and north. Its sources overlap the St. Maurice, and itself is overlapped by the sources of the Saguenay, the head waters of these rivers being within two day's journey or forty miles of each other. Its tributaries are of great magnitude, many of them being from 300 to 400 miles in length, while the main stream has a course of 780 miles and is navigable for canoes to its source

The valley of the Ottawa is the principal site of the pine trade, and has been since June 17th, 1806, when the first

raft left the mouth of its great tributary, the Gatineau.

Thus the total area of timber lands whose rivers run into the St. Lawrence and Lake Out 1.0 is 161,911 square miles.

The principal part of the forest lands of British North America belongs to the Crown, but vested in the Provincial Government, in other words, they are public property, and are administered for the tanefit of the people. The lumber manufacturer obtains the area on which he works, which is called a "timber berth or limit," by biddir g 'he highest price for it at auction. It is generally supposed to be ten miles square, containing one hunared square miles, or 64,000 acres, but, owing to the topographical features of the country, the "limits" are of all sizes and shapes, from 24 square miles upward.

The limit holder becomes a yearly tenant of the Crown at a fixed ground rent, and pays a slight duty per cubic foot of square timber taken out and on each saw log, but has no

right in the land. The areas covered by these leases or limits were as follows

Provinces.			Provincial. Sq. miles.		Dominion. Sq. miles.		Total.
Ontario				21,574		983	22 557
Quebec				46 397	-	159	46,556
New Bruns		***		6,301		17	6,318
Manitoba a	nd T	erritories			2.707		2 707
British Colu	ımbia	٠	•••	820	421	8	1 349
To	tal			75,092	3,128	1,167	79 387

In the province of Manitoba and in the Territories and in the Railway Belt of British Columbia (40 miles wide by 500 miles long) the Dominion Government, filling the place of the Provincial Governments, owns the Crown lands and

In Nova Scotia there is no system of timber licences, the trees being sold with the land and not much timbered Crown lands remaining. This is also the case with Prince Edward Island.

In the settled portions of the provinces the woodlands are in the hands of private owners, but contain comparatively little that can be classed as forest, though the census returns indicate that about one-third of the occupied land is in woodland and pasture, possibly leaving one-fourth for woodland.

In Quebec province no spruce tree can be cut that is less than it in, on the stump, but in Ontario the limit is 9 in.

The limit for pine trees is 12 in, on the stump.

Much more timber has been destroyed by fire than by the lumberman's axe. The successive Governments have allowed settlers to locate in the centre of green pine districts—on land totally unsuitable for agriculture, and devastating fires have resulted in laying war e immense areas of the most valuable forest trees. It is satisfactory, however, to see that more care is now being taken of the forest wealth, and if the Government will give the limit holders more security from the dangers of destruction by five, and if lumbernen do not cut the limits too severely, the present wooded areas can be cut over periodically for all time to come. The Ontario Government have a service of fire rangers during the dangerous months of the year on the recommendation of Mr. Aubrey White in 1886, half of the expense is borne by the lumbermen, and half by the Government the number of land totally unsuitable for agriculture, and devastating fires the lumbermen, and half by the Government, the number of rangers required 's left to the limit holder.

It is quite impossible to arrive at anything like a reliable estimate of the present forest area or future supplies. The lumbermer are not disposed to give much information, and almost every writer who strutes the subject gives a different

The following approximate estimate is based upon returns of the Provincial and Dominion Governments, reports of surveyors of the Crown Lands and other departments, the Geological Survey, and other trustworthy sources :-

p.	ouina	or.		Total Area.	Forest and Woodland.	Wood- land.
Provinces.				Sq miles.	Sq. mites.	D. C.
Ontario				219,650	102,118	46.49
Quebec		•••	•••	227,500	116,521	
New Brunswick			•••	28,100	14,766	52 55
Nova Scotia	•••	•••	•••	20,550	6,464	31.45
Prince Edward Island				2,000	797	39.85
Manitoba		•••	••	64,066	25,626	40.03
British Colum	bia			382,300	285,554	74 69
Territories	•••	•••	•••	2,71,481	696,952	2 , 39
Tota	t			2,315,647	1,248,798	37.66

It must not be supposed that this area is all forest, much, though wooded, being covered with small trees.

The Hon. Sir Henri Joly has studied the question for many years, and from the following extract in a report he made to the Minister of Agriculture at Ottawa, his views of the subject will be gained:—
He set forth the difficulty of an inquiry which had for its

object to calculate the contents of growing forests scattered over half a continent, from the Atlantic to the Pacific.

"Let us try and make an inventory of the timber resources of the Dominion, beginning in the west. On the Pacific shores of the Dominion, in British Columbia, the bountiful gifts of Providence are till stored up for us and the fore its have been scarcely attacked by the lumberman. From the Rocky Mountains to the Province of Ontario there are scattered here and there certain tracts of welltimbered land, but they are the exception, and which timber will be required for the local wants of the people who are

will be required for the local wants of the people who are now reginning to settle our fertile prairies, and it will never I think, contribute to swell the bulk of our timber exports. "The great forest of Canada par excellence, is apread over that vast territory watered by the Ottawa, the St. Maurice, the Saguenay, and their tributaries, over one hundred thousand square miles in extent. Before drawing quantized thousand square mines in extent. Before drawing your attention to it, I will mearling market firmless that cannot compare with it either for size or resources. They are found in the Georgian Bay country; the Muskoka and Nipissing regions; the eastern townships of Quebec and south shore of St. Lawrence to the Gulf; the region on the north shore of the St. Lawrence, from the Saguenay to the Bersiamis, and perhaps still lower down as Saguenay to the Bersiamis, and perhaps still lower do on as are as Mingan; and the country watered by the St. John, the Miramichi, the Restigeuche, and their tributaries. These timber limits in many places are scattered and isolated; they have with few exceptions (such as the Bersiamis at the east and some newly discovered pine tracts at the west on Lake Superior) been worked for a long time and cannot be expected to supply much longer any considerable quantity of first-quality pine, but they still contain an immense quantity of spruce, sufficient for a great many years' supply if care ully worked and protected. I will now return to the great Canadian forest, our great pine country with its wenderful Canadian forest, our great pine country with its wonderful network of streams and its three great arteries, the Ottawa, the Ct. Maurice, and the Saguenay. Does it begin to show signs of exhaustion? Look at the map of that