

in the cases of those resources that admit of such methods, the actual replenishment or augmentation of the sources of supply by the practice of reforestation, silviculture, fur farming or the establishment of fish hatcheries.

Numerous surveys and investigations of the extent and value of the resources have been made from time to time and the results have been reviewed in special publication. Detailed information regarding individual natural resources will be found in the later chapters.

The treatment of resources considered below is concerned only with those phases of the subject that can be properly regarded as falling under the definition of physiography used in its wider interpretation, and that do not specifically relate to individual subjects treated elsewhere in this volume. A classification of lands resources, information on the National Parks and resources in game and scenery properly fall under this head.

**Lands Resources.**—Figures of Table 1 are, in the main, based on estimates of the Dominion Forest Service and by the Surveyor General and Chief of the Surveys and Engineering Branch, both of the Department of Mines and Resources; they show how the total land area of Canada is made up as between present and potential agricultural lands, present and potential forest lands and lands that are unproductive as regards surface resources. Between the totals of present and potential agricultural lands and the totals of forest lands there is, of course, duplication to the extent of the agricultural lands under forest.

### 1.—Land Area of Canada, Classified as Agricultural, Forested or Unproductive

NOTE.—The land area of Canada is shown classified by tenure in Chapter XXVIII. In many cases figures differ from those given on p. 8 of the 1941 Year Book, owing to a new classification of forest lands and the rounding-off of estimates of agricultural lands. When these estimates are quoted, they should be further rounded off to the nearest hundred square miles.

Description	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba
<b>Agricultural Land (Present and Potential)—</b>	sq. miles	sq. miles	sq. miles	sq. miles	sq. miles	sq. miles
Occupied—Improved and pasture.....	1,330	2,810	2,690	17,610	26,340	20,490
Forested.....	530	3,910	3,800	12,520	7,350	3,150
Unoccupied—Grass, brush, etc.....	30	2,920	760	1,310	7,180	10,950
Forested.....	80	3,000	9,500	36,910	62,000	16,000
Non-forested.....	1,360	5,730	3,450	18,920	33,520	31,440
Forested.....	610	6,910	13,300	49,430	69,350	19,150
<b>Totals, Agricultural Land<sup>1</sup>.....</b>	<b>1,970</b>	<b>12,640</b>	<b>16,750</b>	<b>68,350</b>	<b>102,870</b>	<b>50,590</b>
<b>Forested Land—</b>						
Softwood— Merchantable.....	485	5,000	5,150	198,000	36,900	1,830
Young growth.....	240	3,000	3,180	45,500	29,300	9,110
Mixed wood— Merchantable.....	2	670	6,910	24,400	24,100	1,100
Young growth.....	2	480	4,310	20,500	67,400	5,120
Hardwood— Merchantable.....	2	1,800	1,320	2,830	5,900	1,680
Young growth.....	2	1,000	900	5,640	10,200	11,600
Total Productive Forested Land....	725	11,950	21,770	296,870	173,800	30,440
Unproductive Forested Land.....	2	50	190	67,500	63,400	62,500
Tenure—Privately owned.....	723	10,473	11,100	26,737	15,558	8,500
Crown land.....	2	1,527	10,860	337,633	221,642	84,440
<b>Totals, Forested Land.....</b>	<b>725</b>	<b>12,000</b>	<b>21,960</b>	<b>364,370</b>	<b>237,200</b>	<b>92,940</b>
<b>Net Productive Land<sup>2</sup>.....</b>	<b>2,695</b>	<b>17,730</b>	<b>25,410</b>	<b>383,290</b>	<b>270,720</b>	<b>124,380</b>
<b>Waste and Other Land<sup>3</sup>.....</b>	<b>99</b>	<b>3,013</b>	<b>2,063</b>	<b>140,244</b>	<b>92,562</b>	<b>95,343</b>
<b>Totals, Land Area.....</b>	<b>2,184</b>	<b>20,743</b>	<b>27,473</b>	<b>523,534</b>	<b>363,282</b>	<b>219,723</b>

For footnotes see p. 16.