

converting factors have been used. Each of these factors represents in cubic feet the quantity of standing timber that must be cut in the forest to produce one unit of the material in question, based on the total cubic contents of the tree. By the use of these factors it has been estimated that the total drain on our forest resources in 1928 due to consumption for use amounted to 2,988,038,430 cubic feet. To this must be added the volume of material destroyed by fire, insects and fungi, which would bring the total depletion to an average of more than 4,000,000,000 cubic feet per annum. Table 3 gives the reported or estimated production of forest products, by kinds, together with the respective converting factors, the equivalent in standing timber and the estimated value in each case for 1928. Table 4 shows the extent of the drain on our forest resources in 1927 and 1928, by provinces.

### 3.—Products of Woods Operations, in Canada, by Chief Products, 1928.

| Product.                               | Quantity Reported or Estimated. | Converting Factor. | Equivalent Volume in Standing Timber. | Total Value.       |
|--|---------------------------------|--------------------|---------------------------------------|--------------------|
|  |                                 |                    | cubic feet.                           | \$                 |
| Logs and bolts sawn <sup>1</sup> ..... | M ft. b.m. 4,722,845            | 219                | 1,034,303,055                         | 71,824,195         |
| Pulpwood used.....                     | coords 4,796,320                | 117                | 561,169,440                           | 59,578,417         |
| Firewood.....                          | " 9,541,267                     | 95                 | 906,420,365                           | 41,164,270         |
| Pulpwood exported.....                 | " 1,532,266                     | 117                | 179,275,122                           | 15,269,660         |
| Hewn railway ties.....                 | number 8,253,575                | 12                 | 99,042,900                            | 5,871,724          |
| Logs exported.....                     | M ft. b.m. 330,376              | 219                | 72,352,344                            | 4,607,286          |
| Square timber exported.....            | " 177,579                       | 219                | 38,889,801                            | 3,772,187          |
| Telegraph and telephone poles.....     | number 1,130,651                | 13                 | 14,698,463                            | 4,934,371          |
| Round mining timber.....               | cu. ft. 5,634,590               | 1.3                | 7,324,967                             | 998,146            |
| Fence posts.....                       | number 15,690,978               | 2                  | 31,381,956                            | 1,506,050          |
| Wood for distillation.....             | coords 52,559                   | 123                | 6,464,737                             | 476,726            |
| Fence rails.....                       | number 5,421,327                | 2                  | 10,842,654                            | 463,469            |
| Miscellaneous exports.....             | coords 96,458                   | 117                | 24,217,479                            | 961,685            |
| Miscellaneous products.....            | " 122,580                       | 117                | 1,655,127                             | 1,522,663          |
| <b>Totals.....</b>                     |                                 |                    | <b>2,988,038,430</b>                  | <b>212,950,799</b> |

<sup>1</sup> Includes sawn ties.

### 4.—Volume of Timber Cut in Canada and Value of Products of Woods Operations by Provinces, 1927 and 1928.

| Province.             | Equivalent Volumes in Standing Timber. |                      | Total Values.      |                    |
|-----------------------|--|----------------------|--------------------|--------------------|
|                       | 1927.                                  | 1928.                | 1927.              | 1928.              |
|                       | cubic feet.                            | cubic feet.          | \$                 | \$                 |
| P. E. I.....          | 16,108,043                             | 16,158,953           | 738,732            | 729,746            |
| Nova Scotia.....      | 120,818,695                            | 117,933,752          | 8,671,472          | 8,169,748          |
| New Brunswick.....    | 201,698,345                            | 185,281,100          | 17,895,026         | 15,413,390         |
| Quebec.....           | 856,232,833                            | 876,900,762          | 65,707,573         | 67,901,437         |
| Ontario.....          | 608,278,537                            | 771,331,245          | 53,980,399         | 58,774,971         |
| Manitoba.....         | 98,880,108                             | 71,992,205           | 5,178,948          | 3,899,721          |
| Saskatchewan.....     | 55,516,338                             | 62,811,186           | 2,385,876          | 2,877,720          |
| Alberta.....          | 83,448,615                             | 90,639,513           | 3,960,466          | 4,494,145          |
| British Columbia..... | 734,356,283                            | 794,989,714          | 46,420,958         | 50,599,931         |
| <b>Totals.....</b>    | <b>2,845,302,797</b>                   | <b>2,988,038,430</b> | <b>204,339,750</b> | <b>212,950,799</b> |

The following statement summarizes the quantities and values, in the calendar year 1928, of the main products of the woods which are sold without further manufacture and of the two principal industries utilizing the forest resources, and shows the value of the forests as a source of wealth in Canada.