

A detailed account of the activities in forest pathology in Canada may be found at pp. 416-417 of the 1948-49 Year Book.

## Section 6.—Forest Utilization

Forest utilization is concerned with the broad group of industries that include the hewing down of timber in the forest and the transforming of it into the many utilitarian shapes and forms required by modern standards of living. Thus they provide the raw material for sawmills, pulp and paper mills and for the still wider range of secondary industries that take the products of these basic industries and convert them into more highly manufactured goods such as veneers and plywoods, sash and doors, furniture and all the vast range of industries that use wood in any form in their processes. These industries, especially the pulp and paper industry and the lumber industry, contribute substantially to the value of Canada's export trade and thereby provide the exchange necessary to pay for a large share of the imports that have to be purchased from other countries, particularly the United States.

### Subsection 1.—Woods Operations

In connection with operations in the woods, it should be borne in mind that the forests not only provide the raw materials for the sawmills, pulp-mills, wood distillation, charcoal, excelsior and other plants, but that they also provide logs, pulpwood and bolts for export in the unmanufactured state, and fuel, poles, railway ties, posts and fence rails, mining timber, piling and other primary products, which are finished in the woods ready for use or exportation. A number of minor forest products go to swell the total, such as Christmas trees, maple sugar and syrup, balsam gum, resin, cascara, moss and tanbark.

It has been estimated that operations in the woods during the logging season in 1948 gave employment amounting to 44,467,000 man days, and distributed \$347,000,000 in wages and salaries.

### 7.—Values of Woods Operations, by Products, 1943-48

Product	1943	1944	1945	1946	1947	1948
	\$	\$	\$	\$	\$	\$
Logs and bolts.....	99,852,479	115,788,036	120,682,306	150,933,681	205,259,855	215,108,932
Pulpwood.....	110,844,790	124,363,926	146,172,701	183,085,359	237,488,741	284,656,819
Firewood.....	45,152,897	44,332,748	45,193,219	49,544,756	46,236,336	49,535,855
Hewn railway ties.....	1,138,663	1,289,165	1,339,920	1,131,951	1,177,806	1,303,596
Poles.....	2,032,681	5,217,255	5,663,793	5,302,324	8,404,809	13,116,480
Round mining timber.....	3,418,857	3,509,015	6,437,074	12,149,767	10,082,458	10,268,435
Fence posts.....	1,902,546	2,216,585	2,690,569	3,091,268	2,832,783	2,489,286
Wood for distillation.....	774,344	887,260	687,102	452,196	544,746	497,286
Fence rails.....	464,365	513,135	367,741	605,503	628,804	501,484
Miscellaneous products.....	3,033,661	3,453,698	5,090,476	6,972,509	7,177,790	8,726,895
<b>Totals.....</b>	<b>268,615,283</b>	<b>301,570,823</b>	<b>334,324,901</b>	<b>413,269,314</b>	<b>519,804,128</b>	<b>586,295,068</b>