

## Forest wealth of Canada.

The following table gives the ultimate resistance to longitudinal crushing in kilograms, of the same woods as before for the two countries :—

RESISTANCE TO LONGITUDINAL CRUSHING OF WOODS OF CANADA AND UNITED STATES COMPARED.

Botanical Name.	English Name.	CANADA.		UNITED STATES.	
		No. of specimens.	Resistance to longitudinal crushing.	No. of specimens.	Resistance to longitudinal crushing.
<i>Atlantic Coast.</i>					
<i>Larix Americana</i> .....	Tamarack .....	8	8,531	6	8,653
<i>Picea alba</i> .....	White spruce.....	6	5,688	4	5,140
<i>Picea nigra</i> .....	Black spruce.....	6	6,259	3	7,040
<i>Pinus Banksiana</i> .....	Banksian pine.....	4	6,959	2	5,069
<i>Pinus resinosa</i> .....	Red pine.....	2	7,666	6	7,143
<i>Pinus strobus</i> .....	White pine.....	8	5,386	5	5,470
<i>Thuja occidentalis</i> .....	White cedar.....	10	4,635	6	5,316
<i>Tsuga Canadensis</i> .....	Hemlock.....	10	5,918	10	6,367
<i>Pacific Coast.</i>					
<i>Picea Sitchensis</i> .....	Western white spruce....	2	5,647	7	5,655
<i>Pinus monticola</i> .....	White mountain pine....	1	6,123	2	4,963
<i>Pseudotsuga Douglasii</i> .....	Douglas fir.....	7	8,136	28	8,703
<i>Thuja excelsa</i> .....	Yellow cypress.....	2	7,995	6	7,044

On the Atlantic side the white spruce, banksian pine and red pine of Canada, were found to offer more resistance to longitudinal crushing than those of the United States; the tamarack, black spruce, white pine, white cedar and hemlock of Canada offered less resistance. On the Pacific coast the white mountain pine and the yellow cypress offered more resistance, and the western white pine and Douglas fir less resistance in Canada than in the United States.

The following table gives the resistance to indentation to 1.27 millimeters in kilograms of the same woods as before for the two countries :—

RESISTANCE TO INDENTATION OF WOODS OF CANADA AND UNITED STATES COMPARED.

Botanical Name.	English Name.	CANADA.		UNITED STATES.	
		No. of specimens	Resistance to indentation.	No. of specimens	Resistance to indentation.
<i>Atlantic Coast.</i>					
<i>Larix Americana</i> .....	Tamarack .....	8	1,467	6	2,215
<i>Picea alba</i> .....	White spruce.....	6	1,058	4	1,358
<i>Picea nigra</i> .....	Black spruce.....	6	1,179	3	1,361
<i>Pinus Banksiana</i> .....	Banksian pine.....	4	1,569	2	1,690
<i>Pinus resinosa</i> .....	Red pine.....	2	1,592	6	1,273
<i>Pinus strobus</i> .....	White pine.....	8	1,046	5	1,431
<i>Thuja occidentalis</i> .....	White cedar.....	10	969	6	936
<i>Tsuga Canadensis</i> .....	Hemlock.....	10	1,491	10	1,138
<i>Pacific Coast.</i>					
<i>Picea Sitchensis</i> .....	Western white spruce....	2	1,146	7	1,165
<i>Pinus monticola</i> .....	White mountain pine....	1	1,139	2	1,037
<i>Pseudotsuga Douglasii</i> .....	Douglas fir.....	7	1,392	28	1,650
<i>Thuja excelsa</i> .....	Yellow cypress.....	2	1,674	6	1,600