

## TABLE OF CONTENTS

	PAGE
Introduction.....	7
PART I—PULPWOOD RESOURCES IN CANADA	
Chapter I—Preliminary Remarks.....	9
Chapter II—Nova Scotia.....	14
Section 1—Total pulpwood resources.....	14
“ 2—Pulpwood controlled by Province.....	14
“ 3—Pulpwood partially controlled by Province.....	15
“ 4—Pulpwood privately owned.....	15
“ 5—Ownership of timber lands and pulpwood resources.....	16
“ 6—Provincial control of manufacture.....	16
“ 7—Consumption of timber.....	16
“ 8—Extent of pulp and saw-timber industries.....	20
“ 9—Trend of pulpwood business.....	22
“ 10—Summary of situation and duration of supplies.....	23
Chapter III—New Brunswick.....	28
Section 1—Total pulpwood resources.....	28
“ 2—Pulpwood controlled by Province.....	28
“ 3—Pulpwood partially controlled by Province.....	29
“ 4—Pulpwood privately owned.....	29
“ 5—Ownership of timber lands and pulpwood resources.....	29
“ 6—Provincial control of manufacture.....	30
“ 7—Consumption of timber.....	30
“ 8—Extent of pulp and saw-timber industries.....	33
“ 9—Trend of pulpwood business.....	35
“ 10—Summary of situation and duration of supplies.....	37
Chapter IV—Quebec.....	39
Section 1—Total pulpwood resources.....	39
“ 2—Pulpwood controlled by Province.....	40
“ 3—Pulpwood partially controlled by Province.....	40
“ 4—Pulpwood privately owned.....	41
“ 5—Ownership of timber lands and pulpwood resources.....	41
“ 6—Provincial control of manufacture.....	42
“ 7—Consumption of timber.....	42
“ 8—Extent of pulp and saw-timber industries.....	45
“ 9—Trend of pulpwood business.....	48
“ 10—Summary of situation and duration of supplies.....	49
Chapter V—Ontario.....	51
Section 1—Total pulpwood resources.....	51
“ 2—Pulpwood controlled by Province.....	51
“ 3—Pulpwood partially controlled by Province.....	52
“ 4—Pulpwood privately owned.....	52
“ 5—Provincial control of exports.....	53
“ 6—Consumption of timber.....	53
“ 7—Extent of pulp and saw-mill industries.....	58
“ 8—Trend of pulpwood business.....	61
“ 9—Summary of situation and duration of supplies.....	62
Chapter VI—Manitoba.....	63
Section 1—Total pulpwood resources.....	63
“ 2—Pulpwood controlled by Dominion.....	64
“ 3—Pulpwood partly controlled by Dominion.....	64
“ 4—Pulpwood privately owned.....	64
“ 5—Federal control of exports.....	65
“ 6—Consumption of timber.....	65
“ 7—Extent of lumber industry.....	66
“ 8—Trend of pulpwood business.....	66
“ 9—Summary of situation and duration of supplies.....	68

	PAGE
Chapter VII—Saskatchewan.....	68
Section 1—Total pulpwood resources.....	68
“ 2—Pulpwood controlled by Dominion.....	69
“ 3—Pulpwood partly controlled by Dominion.....	69
“ 4—Pulpwood privately owned.....	69
“ 5—Federal control of exports.....	70
“ 6—Consumption of timber.....	70
“ 7—Extent of lumber industry.....	71
“ 8—Trend of pulpwood business.....	72
“ 9—Summary of situation and duration of supplies.....	72
Chapter VIII—Alberta.....	73
Section 1—Total pulpwood resources.....	73
“ 2—Pulpwood controlled by Dominion.....	73
“ 3—Pulpwood partly controlled by Dominion.....	74
“ 4—Pulpwood privately owned.....	74
“ 5—Federal control of exports.....	74
“ 6—Consumption of timber.....	74
“ 7—Extent of lumber industry.....	75
“ 8—Trend of pulpwood business.....	76
“ 9—Summary of situation and duration of supplies.....	77
Chapter IX—British Columbia.....	78
Section 1—Total pulpwood resources.....	79
“ 2—Pulpwood controlled by Dominion and Province.....	80
“ 3—Pulpwood partly controlled by Dominion and Province.....	80
“ 4—Pulpwood privately owned.....	80
“ 5—Governmental control of exports.....	81
“ 6—Consumption of timber.....	82
“ 7—Extent of pulp and saw-mill industries.....	86
“ 8—Trend of pulpwood business in B.C.....	89
“ 9—Summary of situation and duration of supplies.....	90
Chapter X—Canada.....	91
Section 1—Distribution and ownership of pulpwood.....	92
“ 2—Requirements for manufacture in Canada.....	93
“ 3—Dominion consumption of pulpwood.....	94
“ 4—Exports of pulpwood.....	96
“ 5—Total consumption of main pulpwood species.....	102
“ 6—Extent of forest industry.....	103
(a) Pulp industry in Canada.....	105
(b) Lumber industry in Canada.....	107
(c) Other branches of forest industry.....	111
(d) General.....	112
“ 7—Summary of situation and duration of supplies.....	112
<b>PART II—FUNDAMENTAL PRINCIPLES UNDERLYING A POLICY OF FOREST CONSERVATION FOR CANADA</b>	
Chapter I—Preliminary Considerations.....	191
Chapter II—The Economic Use of Land.....	122
Chapter III—Land Classification.....	124
Chapter IV—The Dedication of Forest Lands.....	126
Chapter V—Forest Legislation.....	133
Chapter VI—The Forest Authority.....	139
Section 1—Nova Scotia.....	141
“ 2—New Brunswick.....	143
“ 3—Quebec.....	144
“ 4—Ontario.....	146
“ 5—British Columbia.....	147
“ 6—The Dominion.....	149
Chapter VII—Forest Surveys.....	154
Chapter VIII—Forest Protection.....	157
Protection from Insects and Fungi.....	157
Forest Fire Protection.....	160

	PAGE
Forest Fire Hazards .....	162
(a) Railways.....	164
(b) Campers, Hunters, Fishermen, etc.....	164
(c) Settlement.....	165
(d) Settlers' and Logging Slash.....	165
(e) Miscellaneous Hazards.....	170
Organization for Fire Protection .....	170
Fire Prevention.....	171
Fire Detection.....	172
Fire Control.....	173
Fire Protective Organizations.....	175
(a) Nova Scotia.....	175
(b) New Brunswick.....	177
(c) Quebec.....	177
(d) Ontario.....	179
(e) British Columbia.....	180
(f) The Dominion.....	182
Chapter IX—Timber Administration.....	186
Agricultural Lands bearing Timber.....	187
Management of true Forest Lands.....	189
1. Regeneration.....	190
2. Intermediate Treatment.....	193
3. Utilization.....	193
(a) Reproduction of Desirable Species.....	194
(b) Protection.....	196
(c) Use of Forest Increment.....	201
(d) Forest Utilization at a Profit.....	201
Chapter X—Other Forestry Activities.....	202
1. Municipal Forests.....	202
2. Private Forests.....	203
3. Tree Planting.....	204
4. Silvicultural Research.....	206
5. Forest Products Research.....	206
Chapter XI—Some International Aspects of Forest Conservation and Some Comparisons.....	207
Chapter XII—Conclusions and Recommendations.....	211
Recommendations.....	213
1. Land Classification.....	214
2. Dedication of Forest Lands.....	214
3. Forest Legislation.....	214
4. Forest Authorities.....	215
5. Forest Protection.....	215
6. Forest Surveys and Inventories.....	216
7. Forest Management.....	216
8. Tree Planting and Woodlots.....	216
9. Silvicultural Research.....	217
10. Forest Expenditure.....	217
11. Forestry Conference.....	217
 <b>PART III—THE QUESTION OF PULPWOOD EXPORTS</b>  	
Preliminary Remarks.....	219
Section A—Individual or Organized Private Interests.....	220
1. Pulp and Paper Manufacturers.....	220
2. Private Individuals.....	224
3. Forestry Experts.....	225
4. Boards of Trade.....	226
5. Lumbermen.....	227
6. Farmers and Settlers.....	231
7. Timber-land Owners.....	235
8. Pulpwood Exporters.....	236
9. General.....	237

	PAGE
Section B—The National Interest.....	238
1. The Supplies.....	238
2. Use of Pulpwood Resources.....	239
3. Markets.....	240
4. The Issue.....	240
Conclusion.....	242

## APPENDICES

Appendix 1.—Memorandum of the Canadian Pulp and Paper Association.....	243
“    2.—Memorandum on Behalf of the Pulp and Paper Manufacturers of the United States.....	270
“    3.—Memorandum of the Canadian Pulpwood Association.....	282