

ILLUSTRATIONS

I.	BRUSH-PIILING AFTER CUTTING AND BEFORE BURNING.....	<i>Frontispiece</i>
II.	OLD BURNS, YAHK RANGE, WEST OF GOATFELL, B.C.....	4
	FIRE DANGER AND DAMAGE ADJACENT TO SAWMILL AND RAILWAY.....	4
III.	RIGHT-OF-WAY IN SOUTHEASTERN MANITOBA BADLY UN-CLEARED OF CLEARING.....	12
	RIGHT-OF-WAY IN SOUTHEASTERN MANITOBA FAIRLY WELL CLEARED.....	12
IV.	OLD BURN, NOT RESTOCKING, ADJACENT TO RAILWAY TRACK.....	16
V.	GANG CLEARING RIGHT-OF-WAY.....	27
	GRAND TRUNK PACIFIC RIGHT-OF-WAY 114 MILES EAST OF PRINCE RUPERT.....	27
VI.	RAILWAY RIGHT-OF-WAY PREVIOUS TO CLEARING.....	35
	A WINTER FOREST CAMP IN NORTHERN ONTARIO.....	35
VII.	THE EFFECT OF FIRE ON NON-AGRICULTURAL MOUNTAIN LANDS.....	41
VIII.	BRUSH-DISPOSAL IN BIGHORN NATIONAL FOREST, WYOMING.....	44
IX.	BRUSH PILED IN MAIN LOG ROAD AFTER HAULING WAS COMPLETED.....	47
X.	LOGGED-OVER AREA AFTER BEING SLASH-BURNED.....	55
XI.	AN UNLOPPED SPRUCE TOP.....	60
	TOP PROPERLY LOPPED, RECENT CUTTING.....	60
XII.	REMNANTS OF TWO LARGE SPRUCE TOPS.....	66
	UNLOPPED TOPS, LITTLE TUPPER LAKE, WHITNEY TRACT.....	66
XIII.	RESULT OF FIRE OF MAY 20, 1911, IN FIELD OF LOPPED TOPS.....	69
	LOPPED BRUSH PILING AND SKIDWAY OF PULPWOOD.....	69
XIV.	RECENT CUTTING ON SANTA CLARA LUMBER CO.'S TRACT.....	72
XV.	UNLOPPED TOP, 21 YEARS AFTER CUTTING FOR LUMBER.....	80
	UNLOPPED TOP, FOURTEEN YEARS AFTER LUMBERING.....	80
XVI.	WINDFALL ON CUTTING TO TEN-INCH DIAMETER LIMIT.....	85
XVII.	OIL AND COAL BURNING RAILWAYS IN CANADA AND UNITED STATES— <i>Map</i>	93
XVIII.	SCOTCH PINE AND JACK PINE PLANTATION ON BLOW-SAND FORMATION.....	116
XIX.	COTTONWOOD AS A FUEL PRODUCER.....	129
	WINDBREAK OF COTTONWOOD 12 YEARS OLD.....	129
XX.	MAPLES ALONG C.P.R. RIGHT-OF-WAY, TO PROTECT TRACK FROM DRIFTING SNOW.....	131
	WILLOWS ALONG RIGHT-OF-WAY ON THE PRAIRIES.....	131
XXI.	A PINE NURSERY AT THE NORFOLK FOREST STATION.....	132
XXII.	ELEVEN-YEAR-OLD SCOTCH PINE PLANTATION, NEW YORK STATE LANDS.....	135
	SCOTCH PINE PLANTATION, AXTON, ADIRONDACK PRESERVE.....	135
XXIII.	THE RESULT OF REPEATED FOREST FIRES, NORTHERN ONTARIO.....	156