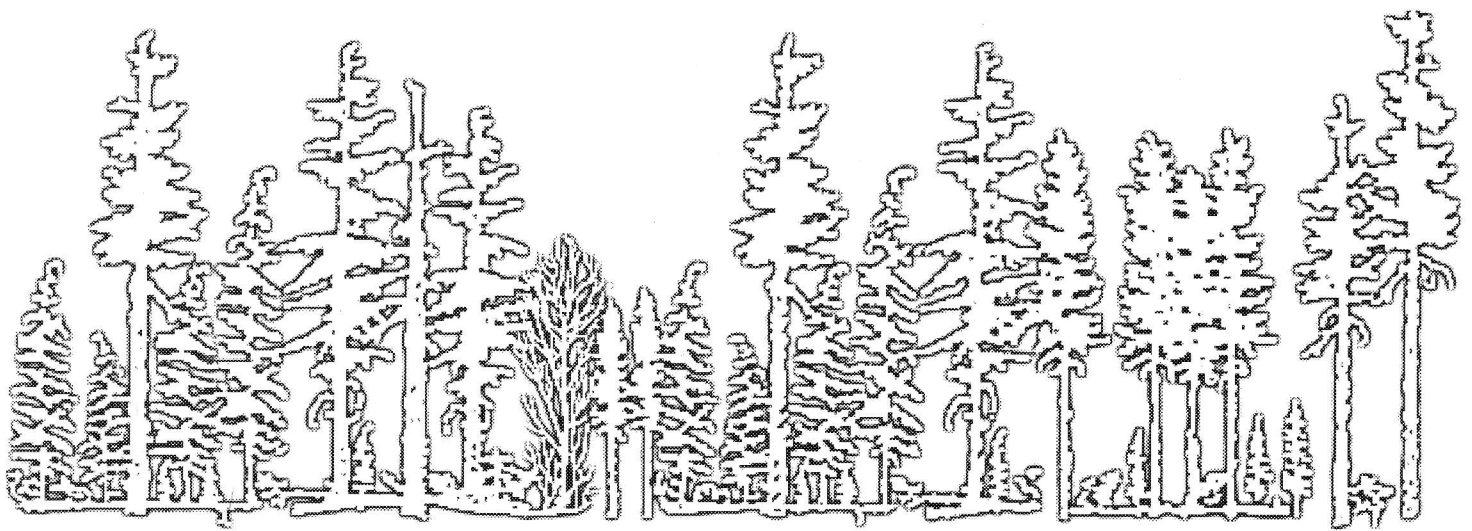




SILVICULTURE

Silvicultural Systems:

Their Role in British Columbia's
Forest Management



MARCH 1991



Province of
British Columbia

Ministry of
Forests

012.28
MAG 34 4 S/37

SILVICULTURAL SYSTEMS: Their Role in British Columbia's Forest Management

TABLE OF CONTENTS

Table of Contents	i
Foreword	iii
Acknowledgements	iii
Executive Summary	1
Introduction	2
A Historical Perspective	3
The Forest Management Controversy	5
Silvicultural Systems in British Columbia	7
The Silviculture Concept	7
Clearcutting System	8
Seed Tree System	9
Shelterwood System	10
Selection System	11
Choosing a Silvicultural System	15
Management Goals	15
An Ecological Framework	15
Biological Factors	15
Operational Considerations	16
Socioeconomic Considerations	17
A Comparison of Relative Impacts of Silvicultural Systems	19
New Forestry	21
Applicability of New Forestry Practices to B.C.	23
Implementation Issues	24
New Forestry Opportunities and Options	25
Silvicultural Issues	27
Public Attitudes	27
Issues of Concern	28
Recommendations	31
References	33