

TABLE OF CONTENTS

	Page
Acknowledgements	iii
English Abstract	v
Thai Abstract	vii
List of Tables	xi
List of Figures	xii
Abbreviations	xiii
CHAPTER 1	
INTRODUCTION	1
1.1 Background and Justification for the Research Problem	1
1.2 Research Questions	5
1.3 Research Objectives	6
1.4 Review of Theories and Concepts	6
1.4.1 State of Knowledge on Community Forestry in Myanmar	7
1.4.2 Contested Meanings of Community Forestry	10
1.4.3 Local Response to State Policies	14
1.4.4 Participation as a Livelihood Strategy	17
1.5 Conceptual Framework	22
1.6 Research Methodology	24
1.6.1 Research Site Selection	24
1.6.2 Data Collection	24
1.6.3 Data Analysis	27
1.7 Thesis Organization	28
CHAPTER 2	
THE POLITICS OF FOREST MANAGEMENT IN MYANMAR: AN HISTORICAL PERSPECTIVE	30
2.1 Colonial Management and Laissez-faire Forestry: Forests Reserved for Commercial Exploitation	32
2.2 Centralized Forest Management as part of the Socialist Development Policy (1948-1988)	36
2.3 Forest Management and Maintaining State Power (1989 to the present)	39
2.4 People's Participation under the <i>Taungya</i> and Community Forestry Systems	46
2.5 Summary	52
CHAPTER 3	
THE PA-O COMMUNITY: ADAPTIVE HOUSEHOLD STRATEGIES IN THE DEGRADED FOREST	54
3.1 Upland Agro-Ecosystem in a Degradated Pine Forest	54
3.2 Pa-O Buddhist Community in the Forest	60
3.3 Household Adaptations to the Degraded Agro-Ecosystem	71

TABLE OF CONTENTS (Continued)

	Page
3.4 Linkages to the External Environment	90
3.5 Summary	94
CHAPTER 4 COMMUNITY FOREST AND LOCAL GOVERNANCE	97
4.1 Community Forest without Local Governance	98
4.2 Level of Participation in the State-Initiated Community Forest	105
4.3 The Community Forest and Informal Access to Land Use	120
4.4 Local Perceptions of the Complexity of Community Forestry	126
4.5 Summary	132
CHAPTER 5 PROPERTY RIGHTS AND PARTICIPATION AS A NEGOTIATING STRATEGY	134
5.1 Local Perceptions of Property Relations in the Community Forest	135
5.2 Lack of Recognition regarding Community Forest Rights	139
5.3 Participation as a Negotiation Strategy to Improve Livelihoods	145
5.4 Summary	155
CHAPTER 6 CONCLUSION	157
6.1 Major Findings of the Study	158
6.2 Theoretical Discussion and Findings	161
6.3 Policy Implications and Recommendations	163
6.4 Limitations of the Study	165
BIBLIOGRAPHY	166
CURRICULUM VITAE	176

LIST OF TABLES

Table	Page
2.1 Forest Cover in Myanmar	31
2.2 Reserved Forest Cover Area in Burma/Myanmar	45
2.3 Community Forest IPO System	50
2.4 Differences between the <i>Taungya</i> and Community Forestry Systems	50
2.5 Community Forestry Development Process in Burma/Myanmar	51
3.3 Rice Area Distribution under Different Agro-ecosystems in Myanmar	57
3.4 Land Use Patterns in the Village	58
3.5 Household Classifications in the village	77
3.6 Differentiation of Household Income Sources	78
3.7 Household Wealth Ranking Criteria in the Village	79
3.8 Classification of Household Socio-economic Status based on Assets	80
3.9 Classification of Household Livelihood Strategies	81
4.1 Villagers' Participation in the Community Forest Project	109
4.2 Types of Community Forest Implemented by FREDA	115
5.1 Villagers' Perceptions of Property Rights in the Community Forest	137

LIST OF FIGURES

Figure	Page
1.1 Conceptual Framework	23
3.1 Map of Myanmar and Shan State	55
3.2 Research Site	55
3.3 Permanent Cultivation on Degraded Forest Land	59
3.4 Pa-O Men and Women in Traditional Dress	63
3.5 Formal Management System within a Pa-O Community	65
3.6 Traditional Management System of the Village	66
3.7 Spirit House at the Center of the Village	69
3.8 Spirit Offerings at a Banyan Tree outside the Village	69
3.9 Timber Post Hung with Coconuts and a Bow and Arrow for the Spirits	70
3.10 A <i>Mao</i> Telling Pa-O Traditional Stories at a Religious Ceremony	72
3.11 Concrete House of a Better-off Household	81
3.12 A Poor Family's Bamboo House	82
3.13 Plowing with a Power Tiller	85
3.14 Children Help with the Cultivation of Ginger	85
3.15 Firewood for Household Use	86
3.16 Daily Wage Workers Help with House Building	87
3.17 Bananas in a Home Garden	89
3.18 Villagers on their Way to Town Using the Upgraded Road	91
3.19 Concrete Tank for Collecting Rain Water	93
3.20 Village Primary School	95
4.1 Community Forest Certificate Application Process	102
4.2 Meeting held at the FREDA Camp with Representatives from the Villages	106
4.3 Local Pa-O People Contribute their Labor to Upgrading the Road	111
4.4 Community Forest Plantation near the Village	114
4.5 Community Forest Plantation - Bamboo	115
4.6 Transect Diagram of the Community Forest Plantations and Shifting Cultivation Fields - FREDA and the Village Owned	117
4.7 Land Use Map of Tingyikyat Village	124
5.1 Cartoon Showing a Man being Arrested for Cutting Down a Tree	141
5.2 A Pine Tree Cut Down in the Community Forest	144
5.3 Compost Being Made in Front of a House	148
5.4 Cattle Feeding Stall	149
5.5 Drying Ginger to Produce Ginger Slices	150
5.6 A Successful Corn Plantation - to Produce Grain and Fodder	152
5.7 Pa-O Advertisement at a Private Border in Aungban	154

ABBREVIATIONS

CF	Community Forest
CFIs	Community Forestry Instructions
DFO	District Forest Officer
FAO	Food and Agriculture Organization
FD	Forest Department
FREDA	Forest Resource Environment Development and Conservation Association
MF	Ministry of Forestry
MAF	Ministry of Agriculture and Forest
MTE	Myanmar Timber Enterprise
NGO	Non-Government Organization
PNO	Pa-O National Organization
PYO	Pa-O Youth Organization
SLORC	State Law and Order Restoration Council
SPDC	State Peace and Development Council
STB	State Timber Board
TFO	Township Forest Officer
UM	Union of Myanmar