

## TABLE OF CONTENTS

	Page
ACKNOWLEDGEMENTS.....	iii
ABSTRACT ( English ).....	iv
ABSTRACT ( Thai ).....	vi
LIST OF TABLES.....	ix
LIST OF FIGURES.....	x
CHAPTER 1. INTRODUCTION.....	1
CHAPTER 2. LITERATURE REVIEW.....	9
CHAPTER 3. MATERIALS AND METHODS.....	37
CHAPTER 4. RESULTS.....	44
CHAPTER 5. DISCUSSION.....	64
CHAPTER 6. CONCLUSION.....	73
REFERENCES.....	75
APPENDICES.....	81
VITA.....	86

## LIST OF TABLES

	Page
Table 1 The Ganodermataceae used in Chinese Traditional and Herbal Drugs (Yang and Jong, 1989).....	26
Table 2 Occurrence of the Ganodermataceae at different localities.....	54
Table 3 The average of environmental parameters at each study site.....	55
Table 4 Summary of field data on Ganodermataceae at the three study sites.....	56
Table 5 Density of the Ganodermataceae at each study site.....	58
Table 6 Distribution of each species of the Ganodermataceae at different study sites.....	59
Table 7 Composition of the Family Ganodermataceae at each study site.....	60
Table 8 Species richness, evenness and diversity of the Ganodermataceae at the three study sites.....	61
Table 9 Correlationship between environmental parameters and the richness, density, and distribution of Ganodermataceae.....	62

## LIST OF FIGURES

	Page
Fig. 1 The map of Doi Suthep-Pui National Park and the study sites.....	4
Fig. 2 Study site 1 .....	40
Fig. 3 Study site 2 .....	40
Fig. 4 Study site 3 .....	41
Fig. 5 <i>Ganoderma lucidum</i> 1.....	45
Fig. 6 <i>Ganoderma lucidum</i> 2.....	46
Fig. 7 <i>Ganoderma lucidum</i> 3.....	47
Fig. 8 <i>Ganoderma lucidum</i> 4.....	48
Fig. 9 <i>Ganoderma applanatum</i> .....	49
Fig.10 <i>Ganoderma tsugae</i> .....	50
Fig.11 <i>Amauroderma</i> sp. 1.....	51
Fig.12 <i>Amauroderma</i> sp. 2.....	52
Fig.13 The density of the Ganodermataceae at the three sites.....	59
Fig.14 The distribution of the Ganodermataceae at the three sites.....	60
Fig.15 The composition of the Family Ganodermataceae in the whole area.....	61
Fig.16 The distribution map of the Ganodermataceae in the study sites on Doi Suthep-Pui National Park.....	63