THE DISTRIBUTION OF LEGUMINOSAE TIMBER SPECIES IN UITM JENGKA FOREST RESERVE

By

AFFIZI BIN ISMAIL

MOHD SHAFIQ BIN ISMAIL

Final Project Paper Submitted in Partial Fulfillment for the Diploma in Wood Industry,
Faculty of Applied Science,
Universiti Teknologi MARA, Pahang

OCTOBER 2007

ACKNOWLEDGEMENT

First of all, I would like to thank the Almighty Allah S.W.T. for his blessing and favor in guiding me towards the completion of this final project paper.

To my respectful advisor Cik Mazlin Binti Kusin for appreciation for her comment, suggestion, advice and understanding towards in this final project and they lecture of Diploma in Wood Industry for they information in Wood Industry.

I would also like to offer my special thanks to librarian at UiTM Jengka for helping me to get some information to prepare my final project paper.

Also special thank to all my beloved friends for their continuous support and helping me to finish this final project paper.

Finally, I also want extent my greatest to my family. This is because they always supporting me and become my inspiration. I believe without their help, I would not be able finish my final project.

I will never forget for they individual always give the support to me. May Allah S.W.T. bless you. Thank you.

TABLE OF CONTENTS

APP	ROVAL	L SHEET	ii
DED	ICATI	ON	iii
ACK	NOWI	LEDGEMENT	iv
TAB	LE OF	CONTENTS	V
LIST	OF TA	ABLES	vii
		GURES	vii
		LATES	ix
ABS	TRACT	Γ	X
ABS	TRAK.		хi
CHA	PTER		
1	INTE	RODUCTION	
	1.1	General	1
	1.2	Justification	3
	1.3	Objectives	4
		•	
2	LITE	ERATURE REVIEW	
	2.1	Leguminosae Family	6
	2.2	Field Observation of Leguminosae.	7
		2.2.1 General Considerations	7
		2.2.2 Specific Characteristic	7
	2.3	Ecological Distribution of the Leguminosae in Malay Peninsula	12
		2.3.1 The Lowland Dipterocarp-Forests	12
		2.3.2 The Hill Dipterocarp-Forest	14
		2.3.3 The Upper Dipterocarp-Forest	15
		2.3.4 The Montane Oak-forest	15
		2.3.5 The Montane Ericaceous-forest	16
	2.4	Pahang Virgin Jungle Reserve (VJRs)	16
	2.5	UiTM Jengka Forest Reserve.	17
3	МАТ	TERIALS AND METHODS	
	3.1	Study Area	18
	3.2	Method of Study.	18
	3.3	Limitation of Study	20
	DEC	HI TO AND DISCUSSION	
4		ULTS AND DISCUSSION	0.1
	4.1	Number of Leguminosae Species in Study Plot.	
	4.2	Distribution of Leguminosae Species in Study Plot	26

5	CONCLUSION	27
	REFERENCES	28
	APPENDIX	29
	VITA	37

ABSTRACT

THE DISTRIBUTION OF LEGUMINOSAE TIMBER SPECIES IN UITM JENGKA FOREST RESERVE

BY

AFFIZI BIN ISMAIL MOHD SHAFIQ BIN ISMAIL

OCTOBER 2007

The UiTM JFR is a logged-over forest and this area is about 250 acres. The objectives of this research is to study the distribution of Leguminosae commercial tree in the UiTM Jengka Forest Reserves and to study that the several of geographical of UiTM Jengka Forest Reserves concern with the rate of the distribution of Leguminosae commercial tree. There are 8 group found in these line. The group of Leguminosae species is Kungkur 1, Kerdas 3, Merbau 6, Keranji 12, Kempas 25, Tualang 12, Petai 5 and Sepetir 11. This study also need specification in detects primarily about bole and leave. Each sample will collect to detect for make sure this from Leguminosae family. The bole not exit latex when notch. The growing of Leguminosae is influenced by suitable soil and the characteristic of soil.