

**THE DISTRIBUTION OF DIPTEROCARPACEAE FAMILY IN UiTM JENGA
FOREST RESERVE (BASE LINE 2: LINE 14)**

By

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TABLE OF CONTENT

CONTENTS	PAGES
APPROVAL SHEET	i
DEDICATION	ii
ACKNOLEDWEGEMENT	iii
PUBLICATION OF THE PROJECT UNDERTAKING	iv
TABLE OF CONTENT	1
LIST OF TABLES	4
LIST OF FIGURES	5
LIST OF APPENDICES	6
ABSTRACT	7
CHAPTER	
1 INTRODUCTION	
1.1 Justification	10
1.2 Objectives	11
2 LITERATURE REVIEW	
2.1 Forest Structure	12
2.2 Dipterocarpaceae Family	13
2.3 Classification of Forest Base on Their Functions	14

2.4	Classification of Forest Based on Ecological Distribution	15
2.4.1	The Montane Ericaceous Forest	17
2.4.2	The Montane Oak Forest	17
2.4.3	The Upper Dipterocarp Forest	18
2.4.4	The Hill Dipterocarp Forest	19
2.4.5	The Lowland Dipterocarp Forest	20
2.4.6	Riparian Fringes	22
2.4.7	Peat Swamp Forest	23
2.4.8	Limestone Rock	25
2.4.9	The Beach Forest	26
2.4.10	The Mangrove Swamp Forest	26
2.5	Logging System	26
2.6	The Forest System	28

3 MATERIAL AND METHODS

3.1	Study Sites	31
3.2	Method of Study	33
3.2.1	Base line	34
3.2.2	Inventory line	34
3.2.3	Field observation	36
3.2.4	Measure diameter breast height (dbh)	39
3.2.5	Taking soil samples	42
3.2.6	Determine the pH forest soils	43

4 RESULTS AND DISCUSSION

4.1	Methods	44
4.2	Distribution of Trees	44
4.3	Estimation of Tree Age Base on dbh	51
4.4	pH Soils	53

5 CONCLUSION AND RECOMMENDATION

5.1	Conclusion	56
5.2	Recommendation	57

REFERENCES	58
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APPENDICES	60
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VITA	66
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ABSTRACT

THE DISTRIBUTION OF DIPTEROCARPACEAE FAMILY IN UiTM JENGA FOREST RESERVE (BASE LINE 2: LINE 14)

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This study done in UiTM Jengka Forest Reserve on the line 14 included all the observation and recognition of the dipterocarpaceae trees. This study is to examine the commercial standing tree of dipterocarpaceae and to determine juvenile and adult population tree in line 14. A study plot size is 500 m X 20 m has been chosen. Result from the research showed the area only has 3 mature trees, 4 premature trees and others are from pole tree. From this study, we found the standing commercial standing trees are almost on *Shorea* species. The species like *Shorea leprosula* (Meranti Tembaga), *S. ovalis* (M. Kepong), *S. pauciflora* (M. Nemesu), *S. macroptera* (M. Melantai), *S. parvifolia* (M. Sarang Punai), *S. bracteolata* (M. Paang), *S. multiflora* (M. Damar Hitam Pipit), *Dipterocarpus cornutus* (Keruing Gombang), *D. crinitus* (K. Mempelas) and *Hopea spp.* (Merawan spp.) are species that found in Line 14. Base the research that have been done, there showed this study plot was in secondary growth after longing and should enrich with other suitable species that cannot find here for educational purpose, 23 of trees or 51% are found growth in acidic area with soil pH around 4 in Oxisols type.