

**STUDY OF BUTTERFLY AS INDICATOR FOR  
ENVIRONMENTAL CONDITION AT UiTM RESERVE  
FOREST, NEGERI SEMBILAN**

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## APPROVAL SHEET

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## TABLE OF CONTENTS

	<b>PAGE</b>
<b>ACKNOWLEDGMENT</b>	<b>iii</b>
<b>TABLE OF CONTENT</b>	<b>iv</b>
<b>LIST OF TABLE</b>	<b>vi</b>
<b>LIST OF FIGURE</b>	<b>vii</b>
<b>LIST OF ABBRIVATION</b>	<b>viii</b>
<b>ABSTRACT</b>	<b>ix</b>
<b>CHAPTER 1: INTRODUCTION</b>	
1.1 Background study	1
1.2 Problem statement	2
1.3 Significant of study	3
1.4 Objective of the study	3
<b>CHAPTER 2: LITERATURE REVIEW</b>	
2.1 Forest reserve in Malaysia	4
2.2 Butterflies species in Malaysia	5
2.3 Threats to butterflies	6
2.4 Butterflies as biological indicator	7
<b>CHAPTER 3: METHODOLOGY</b>	
3.1 Sampling area	8
3.2 Sample collection	9
3.3 Killing butterflies collection	10
3.4 Pinning the butterflies specimen	11
3.5 Preserving the Butterflies specimen	11
3.6 Storage of butterflies	11
3.7 Butterflies species identification	12
3.8 Statistical analysis	12
3.8.1 Shannon Wiener Diversity Index	12
3.8.2 Shannon's Evenness	13
3.8.3 Species Richness Index	14
<b>CHAPTER 4: RESULT AND DISCUSSION</b>	
4.1 Composition of butterflies in UiTM Forest Reserve	15
4.2 Diversity of butterflies in UiTM Forest Reserve	20

<b>CHAPTER 5: CONCLUSIONS AND RECOMMENDATIONS</b>	<b>23</b>
<b>CITED REFERENCE</b>	<b>24</b>
<b>APPENDICES</b>	<b>28</b>
<b>CURRICULUM VITAE</b>	<b>31</b>

## ABSTRACT

Butterflies are an important group of taxa that serve as pollinators, food source and herbivores in an ecosystem. Butterflies is a group of taxa that well studied. Many research related to butterflies are carried out. This study is carried out at UiTM Forest Reserve, Negeri Sembilan located at Kuala Pilah district. The study duration is two months that is from early of September to end of October 2015. The aim of this study is to record the composition and diversity of butterflies at UiTM Forest Reserve. A total of 200 individuals were caught during sample collection and the most family obtained at is Nyamphalidae (42%). Meanwhile the least was Papillionoidiea (2%). The Shannon Weiner-index ( $H' = 3.92$ ) indicates that high diversity of butterflies in studied area. The evenness index ( $E = 0.86$ ) shows decreasing from the past study. As for the richness index ( $R = 17.55$ ) shows rich species of butterflies at UiTM Forest Reserve. The high richness and diversity of butterflies indicates that it is important to continuously maintain the biodiversity of UiTM Forest Reserve, thus further study or conservation program could be done.