STUDY ON POPULATION OF SYNANTHROPIC FLY IN UITM NEGERI SEMBILAN, KUALA PILAH CAMPUS

SITI ZULAIFAH BINTI ABDULLAH

BACHELOR OF SCIENCE (Hons) BIOLOGY IN THE FACULTY OF APPLIED SCIENCES UNIVERSITI TEKNOLOGI MARA

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Pn. Syazuani Binti Mohd Shariff Supervisor Faculty of Applied Sciences Universiti Teknologi MARA Pekan Parit Tinggi, 72000 Kuala Pilah, Negeri Sembilan

Pn. Sarini Binti Ahmad Wakid Project Coordinator Faculty of Applied Sciences Universiti Teknologi MARA Pekan Parit Tinggi, 72000 Kuala Pilah, Negeri Sembilan Dr. Nor'aishah Binti Abu Shah Head of School of Biology Faculty of Applied Sciences Universiti Teknologi MARA Pekan Parit Tinggi, 72000 Kuala Pilah, Negeri Sembilan

Date:

TABLE OF CONTENTS

		PAGE
ACKNOWLEDGEMENTS TABLE OF CONTENTS LIST OF TABLES LIST OF FIGURES LIST OF ABBREVIATIONS ABSTRACT ABSTRAK		iii iv vi vii viii ix x
CHA	PTER 1: INTRODUCTION	
1.1	Background Study	1
1.2	Problem Statement	2
1.3	Significance of the Study	3
1.4	Objectives of the Study	4
CHA	PTER 2: LITERATURE REVIEW	
2.1	Introduction of Synanthropic Flies	5
2.2	The Advantage of Synanthropic Flies	6
2.3	The Disadvantages of Synanthropic Flies	6
2.4	Examples of Several Synanthropic Flies	7
	2.4.1 Musca domestica	7
	2.4.2 Musca sorbens	9
	2.4.3 Chrysomya megacephala	10
	2.4.4 Lucilia cuprina	11
2.5	The Importance of Survey on Synanthropic Flies	11
CHA	PTER 3: METHODOLOGY	
3.1	Sampling Site	13
3.2	Synanthropic Fly Sampling	13
3.3	Sampling Time	16
3.4	Sample Collection	16
3.5	Pinning	16
3.6	Identification	17
3.7	Statistical Analysis	17

CHAPTER 4: RESULTS AND DISCUSSION

4.1	Species Compositions of Synanthropic Flies	19		
4.2	Species Composition at Food Outlet (Site A)	21		
	4.2.1 Ecological indices for site A	22		
4.3	Species Composition at the Academic Building (Site B)	25		
	4.3.1 Ecological indices for site B	25		
4.4	Species Composition at the Administration Building	26		
	4.4.1 Ecological indices for site C	27		
CHAPTER 5: CONCLUSIONS AND RECOMMENDATIONS				

5.1	Conclusion	30
5.2	Recommendations	31
CITE	ED REFERENCES	32
CUR	35	

ABSTRACT

STUDY ON POPULATION OF SYNANTHROPIC FLY IN UNIVERSITI

TEKNOLOGI MARA, NEGERI SEMBILAN

The study on population of synanthropic fly in Universiti Teknologi MARA Negeri Sembilan, Kuala Pilah campus was done at three different sites; at a food outlet (site A), at academic building (site B), and at administration building (site C). The objectives of this study are to estimate the population of synanthropic flies at three different sites and to identify the species of synanthropic flies which exist in UiTM Negeri Sembilan, campus Kuala Pilah. The study included two weeks of sampling duration in November to December 2014. Four type of synanthropic fly species were found which are *Musca domestica*, *M. sorbens*, *Chrysomya megacephala*, and *Lucilia cuprina* with total of 935 individuals caught. They are from two family, Muscidae and Calliphoridae. *M. domestica* was found as the most prevalent species at all three sites; site A (88.6%), site B (97.57%) and site C (1.1%). The least population is *L. cuprina*, (0.65%) which is only found in site A and another species that only found in site A is *M. sorbens* (1.29%)