



**ANTIFUNGAL PROPERTY OF PHILIPPINE SQUID
INK ON *Candida tropicalis* AND *Aspergillus niger***

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MIGUEL J. LUNA
JOHN KENDRICK N. MACALINDONG

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ABSTRACT

Antifungal infections are considered as hidden killers, mainly because majority are unaware of the effects of fungal infections that may severely harm the human body which eventually lead to death. Examples of these hidden killers are Candidiasis and Aspergillosis. The main objective of this study is to determine the antifungal property of Philippine squid ink and find a natural alternative cure for several antifungal infections. The extracted ink (100%, 75% and 50%) was isolated from a local squid and tested against *Candida tropicalis* and *Aspergillus niger* using cylinder cup assay. The results of the present study showed that all the treatments did not inhibit the fungal isolates when compared to the positive control (10% Phenol). This could be due to the lack of antifungal component of the extracted ink.

Keywords: Antifungal potential, extracted ink, *Candida tropicalis*, *Aspergillus niger*, Philippine squid



TABLE OF CONTENTS

Title Page	01
Abstract	02
Acknowledgements	03
Table of Contents	04
List of Tables	06
List of Figures	07
CHAPTER 1 INTRODUCTION	
1.1 Background of the Study	08
1.2 Conceptual Framework	10
1.3 Research Problem	11
1.4 Scope and Limitations	12
1.6 Significance of the Study	12
1.7 Definition of Terms	13
CHAPTER 2 LITERATURE REVIEW	
2.1 Conceptual Literature	14
2.2 Related Studies	20
CHAPTER 3 METHODOLOGY	
3.1 Research Design	21
3.2 Research Setting	21
3.3 Research Procedure	22



3.4	Data Gathering and Statistical Analysis	24
CHAPTER 4 RESULTS AND DISCUSSION		
4.1	Results	25
4.2	Discussion	27
CHAPTER 5 CONCLUSION AND RECOMMENDATION		
5.1	Summary and Conclusions	29
5.2	Recommendations	30
	Cited References	31
Appendices		
A.	Standard Procedures	38
B.	Photodocumentation	40
C.	Raw Data – Test Report	43
D.	Curriculum Vitae	45



LIST OF TABLES

- | | |
|--|----|
| 1. Mean Zone of Inhibition of extracted ink and control in
<i>Candida tropicalis</i> and <i>Aspergillus niger</i> . | 26 |
|--|----|



LIST OF FIGURES

1. Zone of Inhibition of the positive control in the inoculant, *Candida tropicalis* (A,B and C) and *Aspergillus niger* (D,E and F). 25