

**ANTIDOTE POTENTIAL OF *Oxalis corniculata* L. EXTRACT ON
THE MORTALITY RATE OF ALBINO MICE SUBJECTED TO
Bufo marinus POISON**



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ABSTRACT

The study was conducted to determine the lethal dose of the crude extract from *Oxalis corniculata* L (wood sorrel) on *Mus musculus* (albino mice) subjected to *Bufo marinus* (common marine toad) poison. The crude extract from *O. corniculata* was administered to albino mice using gavage method. About 16.5 kilos of *O. corniculata* gave 33.3 ml/kg crude extract. The 33.3 ml/kg crude extract was distributed in 60 albino mice. The 60 mice were divided in six treatments respectively T₀=control T₁=1mL, T₂=1.5mL, T₃=2mL, T₄=2.5mL, and T₅=3mL. The treatment showed that there is an increasing dose of the crude extract in every treatment but in constant concentration of *B. marinus* poison. In the previous treatment respectively T₁, T₂ and T₃ the amount of the crude extract is insufficient, ranging from 0.1 to 1.8 ml. the result of the previous treatment showed high mortality rate. The last two treatment respectively T₄ and T₅ showed that the amount of crude extract ranging from 2 to 3ml is taking its effect against *B. marinus* poison. The effectiveness of the crude extract in increasing dosage showed that the higher the concentration of the crude extract the more effective it is against *B. marinus* poison; about 13%, the mice population survived.

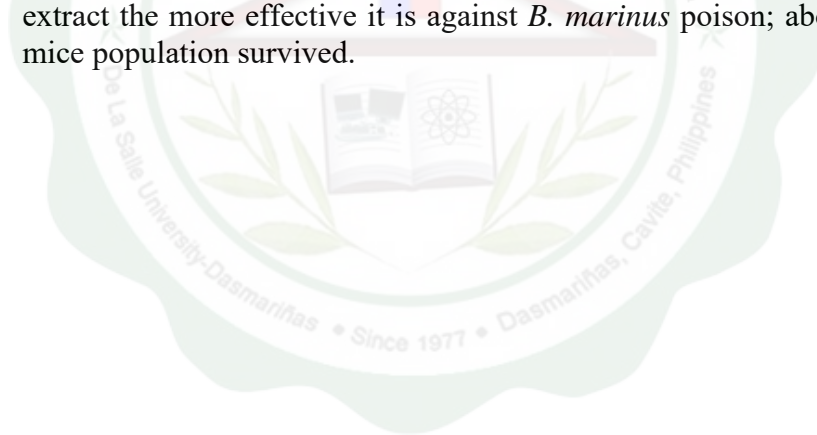


TABLE OF CONTENTS

Title page

1

Approval Sheet

2

Abstract

3

Acknowledgment

4

Table of Contents

5

CHAPTER 1 INTRODUCTION

1.1 Background of the study

7

1.2 Conceptual Framework

8

1.3 Statement of the Problem	
8	
1.4 Scope and Limitations	
9	
1.5 Significance of Study	
9	
1.6 Definition of Terms	
10	
CHAPTER 2 LITERATURE REVIEW	
2.1 Conceptual Literature	
12	
2.2 Related Studies	
19	
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 DISCUSSIONS

4.1 Results

25

4.2 Discussion

33

CHAPTER 5 SUMMARY, CONCLUSION AND RECOMMENDATIONS

5.1 Summary

34

5.2 Conclusion

34

5.3 Recommendation

35

Cited

references

36

APPENDICES

A. Standard procedure

39

B. Raw Data

40

C. Photo documentation
47

D. Curriculum vitae
55

