

RECOMMENDATION

It has been recommended that Aashish Dhakal has completed his report entitled **“A Case Study on Poisonous and Non-Poisonous Snakes in Nepal”** under my guidance and supervision.

I hereby recommend this report for further approval.

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Mr. Sundar Baral

Lecturer,

St. Xavier's College,

Maitighar, Kathmandu

Date:

CERTIFICATE OF COMPLETION

This is to certify that Aashish Dhakal, student of B.Sc. Microbiology of St. Xavier's College, Kathmandu has completed report entitled "**A Case Study on Poisonous and Non-Poisonous Snakes in Nepal**" under our supervision.

I highly approve and recommend his work.

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Ms. Pramila Parajuli

Head of Department,

Department of Microbiology,

St. Xavier's College,

Maitighar, Kathmandu

Date:

ACKNOWLEDGEMENT

First of all I would like to thank the Almighty God who obviously has always guided me to work on right path of life and to finish this report. Without his grace, it would not have been possible to finish the report.

Next to him, I am greatly indebted to my Parents, who have brought up with love and encouragement to this stage.

I am feeling oblige in taking opportunity to sincerely thanks to my supervisor, lecturer, Mr. Sundar Baral for his continuous support and guidance during the period of study and research. He has time and again directed me towards my destination. Right from the start to completion of report, he has relentlessly continued to help me improve in my performance.

My very special thanks to Ms. Pramila Parajuli, Head of Department, Department of Microbiology, for her unparalleled suggestions and persistent support.

Last but not the least, I am thankful to my friends without whom, completion of the report will not have been possible. And I would also like to thank all of my teachers who have always been helping and encouraging me throughout the year. I have no valuable words to express my thanks, but my heart is still full of favors received from every person.

Date:

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Aashish Dhakal

ABSTRACT

Nepal's diverse topography, altitude variation, different ecosystems and changing climatic conditions host a large variety of faunal elements including the snakes. Nepal has surprisingly large diversity of poisonous and non-poisonous snakes. They are active during summer season. The biggest of the sub-continent include Indian Rock Python that may grow close to 10 meters in length. King Cobra the biggest poisonous snake is rare and found in Chitwan. The other non-poisonous includes the rat, cat, tree, garter, sand boa and worm snakes. Poisonous include the common cobra, Pit vipers, vipers, and kraits. Banded Krait is supposed to be more venomous but is very docile. Some ethnic communities of the eastern Terai worship them. A great variety of snakes live in the national parks and the conservation area, but because of the dense cover and their own shyness they are rarely seen.

The field of herpetology has always received less priority in Nepal. Scientific investigations concerning the herpeto fauna of Nepal have been sporadic and so the information related to the subject is scanty. With the objective of creating conservation awareness and also to highlight snake's importance in 1998 the Postal Department of the Government of Nepal had issued four stamps of Nepalese snakes (Asiatic rock python, *Molurus molurus*; Golden tree snake, *Chrysopelea ornata*; King cobra, *Ophiophagus hannah*; and Karan's pit viper, *Trimeresurus karanshahi*) having academic, religious and culture, and conservation importance.

TABLE OF CONTENTS

Contents	Page No.
Recommendation	II
Certificate of Completion	III
Acknowledgement	IV
Abstract	V
Table of Contents	VI
1. Introduction	1
1.1 What is a snake?	1
2. Objectives	2
3. Diversity of snakes in Nepal	3 - 4
3.1 Non-Poisonous Snakes	3
3.2 Poisonous Snakes	3 - 4
4. Distribution	4 - 5
5. Notable Snakes of Nepal	5 - 11
5.1 Green Snakes	6
5.2 Snakes with Blotched Color Pattern	7 - 8
5.3 Water Snakes	8 - 9
5.4 Wolf and Kukri Snakes	9 - 10
5.5 Uniform Black or Brown Snakes	10
5.6 Cat Snakes	11
6. Families of Snakes Found in Nepal	11-13
6.1 Elapidae	11-12
6.2 Viperidae	12-13
7. Ethnozoology	14
8. Main Threats	15
9. Legal Management and Enforcement	16 - 17
10. Trade and Market	17 -18
11. Snakebite Management in Nepal	18 - 19
12. Conclusion and Recommendation	20
References	21