Acknowledgements

I express my humble and wholehearted gratitude to Dr. P.K. Bandyopadhyay, Professor of Zoology, University of Kalyani, for his constant guidance, encouragement and valuable suggestions from the beginning of my research work.

I convey my sincere regards to present and past Heads of the Department of Zoology, University of Kalyani, and for their kind permission to carry out the work.

I am thankful to the Department of Science and Technology, Government of India for providing me a Research Fellowship to carry out the research work.

I pay my gratefulness to Dr. S. N. Chatterjee, Department of Zoology, The University of Burdwan, for his valuable suggestions, guidance and constant encouragement.

The Thesis could not be completed without active cooperation of my senior research colleagues, Dr. Amlan Kumar Mitra, Dr. Partha Mallik, Dr. Biplab Bhowmik, Dr. Sujoy Kumar Bag. My co-research colleagues Dr. Jayati Chakraborty, Dr. Sayani Banerjee, Dr. Tania Biswas, Dr. Somerita Panda, Mr. Sabir Molla, Ms. Sutapa Sarkar, Ms. Subarna Ghosh, Ms. Ivy Kundu and Mrs. Swapna Chettry have also given me the constant support for the completion of my work.

I am thankful to all present and ex-boarders of Satyendranath Bhawan and Lilabati Bhawan Hall, University of Kalyani for their valuable suggestions, co-operation and continuous encouragement.

Thanks are also due to the Departmental Scholars and non teaching staffs of Department of Zoology, University of Kalyani for their continuous co-operation to clear all pending issues as soon as possible.
I pay my eternal regards to my beloved parents and thanks to my wife who has continuously boosted me up during entire span of my research career and writing the thesis.

Dated:

(Sukanta Majumder)