ACKNOWLEDGEMENT

I express my heartiest gratefulness to Dr. Prasanta Kr. Saikia, Associate Professor, Deptt. Of Zoology, Animal ecology & wildlife. Biology Laboratory. Gauhati University, who is a pioneer ornithologist of North-East India and a learned personalities for his supervisions, valuable comments, encouragement and over all designing of the Manuscripts.

I am grateful to the honourable Head of the Deptt. Of Zoology Gauhati University and all my teacher who supports and encourage me to do the work punctually and carefully. I am also grateful to Prof. A. Dutta, Prof. P. C. Bhattacharjee, Prof. A. Borkotoki, Prof. M.M. Goswami, Prof. U.C. Goswami, Prof. K Dutta, Prof. J Kalita and Associate Prof. J.C. Kalita for their valuable suggestions and constant encouragement during the period of study in the Department of Zoology, Gauhati University.

I offere my heartfelt thanks to the regional office, University Grants Commission (NERO) for allowing me the two years permanent leave as T/F under UGC FIP programme.

I also offer deep gratitude to Mr. Abhijit Rabha, I.F.S., Conservator of Forests, then filed director of Manas Tiger Reserve and Biosphere reserve for his help and support during the period of field study in Manas National Park. I also offer thanks to all member of Manas Maozigendri Ecotourism Society for their help in this study. I am also thankful to the Chief conservator of Forest, Rehbari, Guwahati Assam for giving research permission for the study. My sincere thanks go to the State Pollution Control Board, Dr. A. K. Bhagawati, Head of the Deptt. Of Geography, Gauhati University, Dr. Anwaruddin Choudhury, DSC and D.C., Baksa District, BTAD. I also offer my thanks to Dr. Dinesh Bhatt, professor, Gurukul Kangri University, Uttarakhand and, Dr. Khurshid Ahmed, Kashmir University, Dr. H.S.A. Yahaya, Head of the Deptt. Of the Wildlife institute, AMU, Dr. Prasant Mahajan, IBA, Co-ordinator,
Bombay Natural history society, Mumbai and Member of Korean Broadcasting society (KBS) for their love and inspiration during the study.

I also offer thanks to Dr. Malabika Kakoti Saikia, DST-Women Scientist-A, Department of Zoology, Gauhati University for her constant encouragement and suggestions.

I also express my gratitude to Dr. Peter Marler University of California, USA, Dr. Shwartz Assaf. The Hebrew University of Jerusalem, Israel, Dr. Ashok Verma, Atree, V.S. Vigayand Lalitha Vijayan, Salim Ali Centre for ornithology and Natural history, Anaikatty, TN, India, for their good information and exchange of views during the study period.

I offer my gratefulness to the principal and all faculty members of my parent institute for their help and suggestion throughout the research period.

I extend my thanks to all research scholars, Jyotismita, Sunanda, Anserul Hoque and Bhrigu Prasad Saikia for his help and encouragement during the study period.

Special thanks to all Beel Mahaldar (owner of the Beel) and other local leading personalities of different study area for their help and support throughout the study.

I am indebted to my parents and thanks to my wife Mrs. Daradjan Dewan and my daughters Kamrun, Karishma and Kashmiri for their sacrifice and support of the successful completion of the research work.

Date: ________________________________

Abul Kashem Dewan

Teacher Fellow under UGC FIP Programme & Asst. Prof, Nabajyoti College, Kalgachia, Research Scholar, Animal ecology and Wildlife Biology Laboratory, Gauhati University.