ACKNOWLEDGEMENTS

I wish to express my deep sense of gratitude to my guide Dr. A.B. Kulkarni, Reader Department of Zoology, Marathwada University, Aurangabad, for suggesting this problem, for valuable guidance, generous advice and sound criticism of the observations during the entire period of research work. Words are really inadequate to express my deep sense of gratitude towards him.

I must also express my sincere thanks and profound regards to Dr. R. Nagabhushanam, Professor and Head, Department of Zoology, Marathwada University, Aurangabad for providing me all the facilities to work in this department.

I am grateful to Principal, Annasaheb N.K. Patil, who always encouraged in all the ways and helped me, particularly by providing me all the necessary facilities for the study.

I express my sincere thanks to Nanasaheb Z.B. Patil, Chairman, Jai-Hind Educational Trust Dhule, who gave initial inspiration in me for this work.

My special thanks are due to Dr. S.V. Shinde, Jai-Hind College, Dhule who encouraged me to overcome the problems encountered during the course of this work.

My thanks are due to Dr. H.Z. Patil, Dr. P.M. Vyawahare, Shri S.R. Magare, Shri H.D. Patil, Shri
Sadashivrao Chaugule and others for their able assistance in completing this research work.

I owe a lot to my elder brothers Shri Bapusaheb Patil, Shri Anasheb, D.T. Patil and father-in-law, Shri Dadasaheb, S.K. Patil for encouraging me to undertake this work and loving me so much as I feel that I am most lucky person to receive such an attention from them.

The technical part of this thesis was handled by several experts in the respective fields. I thank Bright Computers and Shri Patel Jayaraj for their computer typing.

Lastly, I must mention an invaluable encouragement provided by my wife sau. Sunanda and three young kids, Shashank, Shilpa and Sonu, who on all too many days accepted the fact that I must complete the task.

V.T. Patil