Acknowledgment

I express my sincere thanks to the University Grants Commission and Pune University for sanctioning teacher fellowship to complete my Research work.

I wish to express my deep sense of gratitude to my Guide and teacher Dr. S. M. Kamble, Reader in Zoology, Zoology Department, S. M. D. M. Mahavidyalaya Kallam, Dist. Osmanabad, for his valuable guidance, encouragement, and sustaining my interest in accomplishing this work.

I acknowledge with thanks to the Principal V. K. Wagh, Fergusson College Pune, Prof. M. M. Momin, Head, Department of Zoology, and Mrs. S. S. Kate, Head, Department of Botany, Fergusson College, Pune for availing of laboratory facilities.

I am thankful to Dr. A. D. Mohekar, Principal and Head, Zoology Department, S. M. D. M. Mahavidyalaya Kallam, Dist. Osmanabad, for encouraging and providing laboratory facilities.

I am also grateful to Dr. S. L. Laware, Coordinator of Biotechnology, Dr. K. R. Gawai, Reader, Biochemistry Department, Pune University and Mr. R. T. Pillai, National Chemical Laboratory (NCL) Pune, for their valuable guidance and help in practical work.

I am also thankful to the Librarians of Karnataka University, Dharwad, Dr. B. Ambedkar University Aurangabad, Pune University, NCL, and Zoological Survey of India, Western Zone, Pune for providing Reference facilities.

I am also thankful to my colleagues and friends for the encouragement and help.

N. E. Chandanshive