ACKNOWLEDGEMENT

I take this opportunity to thank and express my deep sense of gratitude, to my guide Professor G.B. Shinde, Department of Zoology, Marathwada University, Aurangabad, under whose guidance I had the opportunity to work, and do research, leading to Ph.D. degree in Zoology. I shall remain ever grateful to him, for his constant encouragement, interest and guidance throughout my research work.

I am very thankful to Professor S.D. Kalyankar, Head, Department of Zoology, Marathwada University, Aurangabad, for providing the necessary laboratory facilities.

My sincere thanks are also due to Dr. B.V. Jadhav, Lecturer, Department of Zoology, Marathwada University, for his cooperation and help in many ways, provided throughout the course of this work.

It is my duty to express my thanks to Dr. R.S. Jadhav, Principal, Krishna Mahavidyalaya, Rethare (Bk.), Karad, for giving me opportunity and encouragement in completing this work.
I owe my sincere thanks to my colleagues
Shri Kharade S.V., Dr. Bhaware R.N., Shri Khamkar,
Dr. S.S. Pawar, Shri Patel, Shri Phokale, Shri Kalshetti,
Mrs. Khot, Miss Bhosale and Miss Mahajan.

I also thank to my colleagues in the college,
Shri Nikam S.R., Shri Patil S.S., Shri Nalwade P.B.,
Shri Kanase, Shri Pardeshi and Shri Mulla for their cooperation and help.

It is my duty to express my deep sense of gratitude, to my wife Sow. Sangitta Shamrao Bandgar,
daughter Archana, Son Nitin, parents, brother, Miss Aruna, Miss Suwarna, Dada and Akka for their valuable cooperation and constant encouragement with love and affection, without which it would have not been possible on my part to complete this work.

I am much thankful to Mrs. Ghosh Shukla for dexterous typing of this thesis.

Lastly, I shall fail in my duties if I do not acknowledge to all my friends and relatives.

Department of Zoology,
Marathwada University,
AURANGABAD - 431 004.


( S.S. Bandgar )