## ACKNOWLEDGEMENT

"The quality of a nation depends upon the quality of its citizens. The quality of its citizens depends-not exclusively but in critical measure-upon the quality of their education. The quality of their education depends more than upon any other single factor, upon the quality of their teacher". The teacher is the living ideal, the fountainhead of knowledge and the potential guide to provide directive for the growth and development of students of today as worthy citizens of tomorrow. To put it in a nutshell, the teacher is the backbone of the educational system, the marker of mankind and the architect of the society. I am conscious of the fact that nothing comes from nothing and that fulfilled prayers and blessing are the results of divine invention on their own, not even the hardest human effort can bring about complete success and occasional miracles. So, I take this opportunity to express my deep sense of gratitude to my learned, highly capable and tireless teacher and guide Prof. T. V. Sathe, Entomologist, Department of Zoology, Shivaji University, Kolhapur for inspiring the passion in me for present work, I am always indebted for his affectionate and friendly co-opereation. It is my great pleasure to work under his guidance.

It is a matter of great pleasure and privilege to express my respectful regards to **Prof. G. P. Bhawane**, Head, Department of Zoology, Shivaji University, Kolhapur for providing facilities and constant encouragement during the course of work.

My sincere thanks are due, to Prof. (Smt.) A. A. Kanase, Ex-Head, Department of Zoology Shivaji University, Kolhapur for providing facilities and constant encouragement during the course of work.

I am very grateful to **Dr. P. P. Kulkarni**, Scientist, Entomology Division, Zoological Survey of India, Pune for discussion on the topic.

My sincere thanks are due, to Librarian, Brr. Balasaheb Khardekar Library, Shivaji Viversity, Kolhapur and Librarian, Zoological Survey of India, Pune for providing literature and allowing me to carry reference work.

I am very thankful to **Dr. B. V. Jadhav**, Lecturer in Zoology, Balasaheb Desai College, Patan Dist. Satara for their skillful photography.

Mention must also be hereof my collegues Dr. B. V. Jadhav, Mr. Kiran Shinde, Mr. T. M. Chougale, Mr. R. P. Kawane, Mr. B. P. Tingare, Mr. Mahendra Jagatap, Mr. V. Y. Kadam and Mr. S. S. Patil whose help in my work was really valuable.

I express my sincere thanks to teaching and non-teaching staff of Department of Zoology, Shivaji University, Kolhapur for their help during this research work.

My parents, husband **Dr. R. M. Gejage**, daughter **Rasika** and son **Vipul** are the source of inspiration. They always encouraged me, during the course of present work.

I must thank to Vipul typing centre, Islampur for neat and careful typing of dissertation.

Lastly I express my heartful thanks to all my friends and others who has directly or indirectly helped and supported to complete this work successfully.

Miss. Manisha R. Awate)