## ACKNOWLEDGEMENT

I feel a great pleasure in expressing my deep sense of gratitude and reverence towards my teacher and eminent research guide Prof. V. A. Sawant, Department of Zoology, Shivaji University, Kolhapur. Words fail to express my feelings towards him for valuable guidance, many inspiring discussions, timely advice and scholarly criticism for completion of work.

I express my deep sense of gratitude to foundry workers and owners of foundry unit at Shiroli MIDC in Kolhapur. The workers and manager were most helpful and without their co-operation the survey and work would not have been a success.

I am thankful to Prof. S. G. Nanaware, Head, Department of Zoology, for providing the necessary facilities to carry out this research work.

I must thanks to Mr. S. B. More, Field Officer, Pollution Control Board, Sub-regional Office, Kolhapur and Dr. J. D. Apate, for their valuable suggestions and help.

I thanks to Mr. Pillai, Mr. Balasaheb Patil, Dr. Sangram Patil, Mr. Lolge A.T., Mrs. Monika Sanandam, Mrs. Gouri Gokhale, Mrs. Sushma Naikwadi, Mrs. R. N. Mote, Miss. Bhavana Masale, Mr. R. S. Dubal and technical staff of the foundry for encouragement and their valuable help.

I wish to thank Dr. S.P. Dalvi, Ex. Principal and Dr. G. T. Sangle, Principal, Dada Patil Mahavidyalaya, Karjat and Inspector Rayat Shikshan Sanstha who permitted me for doing this work.

I am highly thankful to the University authorities, my teachers and non teaching staff members of Department of Zoology, Shivaji University, Kolhapur.

I am obliged to University Grant Commission, New Delhi (Western Zone, Pune) for award of Teacher Fellowship.

I will fail in my duties, if I do not recall my warm feeling towards my brothers Sanjay, Mahesh and family members especially my wife Mrs. Shailaja, who shouldered all the responsibilities in my absence and my son Kaustubh and daughter Vaishnavi who tolerated my long absence throughout the tenure of this work.

Last but not the least I am thankful to all my well wishers.

Place: Kolhapur

Date: June,2003