ACKNOWLEDGEMENTS

The researcher expresses her sincere gratitude to her supervisor Dr. (Ms) V. T. Tantarpale, Reader, P. G. Department of Zoology, Vidyabharati Mahavidyalaya, Amravati for her valuable guidance and supervision throughout the period of study, in spite of her multifarious academic and College duties. The present researcher has no hesitation in confessing that without her keen interest, this study would have not seen the light of the day.

The researcher is immensely indebted to honourable Dr. K. M. Kulkarni, Joint Director, Higher Education, Amravati region, for his constant encouragement and guidance throughout the completion of the study. He is the person who inspired the researcher undertake this study.

She expresses her special thanks to Dr. D. R. Shekhawat, President of Vidyabharati Mahavidyalaya, Amravati and Dr. K. N. Patil, Principal, Vidyabharati Mahavidyalaya, Amravati, who gave kind permission for research work.

The researcher would like to record her sincere gratitude to Dr. S. V. Gudadhe, Head, Zoology Department, Vidyabharati Mahavidyalaya, Amravati for providing the necessary laboratory facilities.

She expresses her special thanks to Dr. S. R. Akarte, Dr. P. R. Rajput, Prof. (Ms.) V. V. Parate, Prof. G. B. Santape and Prof. V. N. Nagale for their untiring help and co-operation in the completion of present study.

She expresses her thanks to Dr. V. H. Singh, Head, Post Graduate Department of Zoology, Govt. Vidarbha Institute of Science and Humanities, Amravati, Prof. Baig, Dr. (Mrs.) V. S. Zade, Dr. S. S.
Pawar and Prof. H. P. Sapkal for their co-operation during the present research work.

She expresses her special thanks to Dr. (Mrs.) M. K. Kulkarni and Mr. Malhar K. Kulkarni for their inspiration throughout the present research work.

The researcher expresses her special thanks to her colleagues Mr. R. G. Jadhao, Ms. Rashmi Choudhari, Ms. Kirti Chakote, Ms. Pragati Jichkar and Prof. P. P. Joshi for their continuous help and co-operation throughout the present research work.

She expresses her special thanks to Dr. R. C. Kapil, Mrs. Nirmal R. Kapil, Dr. (Mrs.) P. P. Rajput, Adv. N. P. Atakar, Smt. Nima Gaharwar, Mr. Pravin Khandpasole, Mr. M. V. Kharabe, Ms. Sunita and Ms. Manisha for their continuous help and co-operation throughout the present research work.

The researcher extends her sincere gratitude to Mr. R. D. Wankhade and the kids Vrushank and Eshani for their valuable co-operation throughout the study.

She will be failing in her duty if she does not acknowledge her thanks to the following Libraries and the respective Librarians of P. K. V., Akola, Amravati University, Amravati, Vidyabharati Mahavidyalaya, Amravati, Govt. Vidarbha Institute of Science and Humanities, Amravati for extending their co-operation during the present research work.

She expresses her special thanks to Mr. Bhosale, Mr. Kanaskar, Mr. Mahadik, E. M. Division, Jaslok Hospital, Mumbai, Dr. Manekar, Institute of Science, Mumbar for their co-operation in the completion of the part of Analysis and Electron Microscopy work.

She expresses her special thanks to Dr. Ulhas Sagai, for their co-operation in the part of chemical analysis of glucose estimation.
Words fail her in expressing her indebtedness to her parents, to her sisters Meghna and Sheetal for their inspiration and endurance throughout the study.

She expresses her thanks to Dr. S. R. Nair, Reader in English, Vidyabharati Mahavidyalaya, Amravati for her co-operation in going through in the manuscript and to Mr. Prafulla Edakhe for his help in the efficient typing of this thesis.

Finally the present researcher takes this opportunity to express her sincere thanks to all those who have helped her directly or indirectly in the completion of this research work.

Place: Amravati
Date: 26/12/2002

Ms. Archana H Pawar