ACKNOWLEDGEMENT

I am extremely thankful to God Almighty for His benign grace which guided and inspired me throughout and enabled me to complete the course successfully.

It is not easy to express within a few lines the deep ocean of indebtedness that swells up within me, but still let me place on record my profound gratitude to Dr. S. Sam Manohar Das, Ph.D., Reader in Zoology, Scott Christian College, Nagercoil, who instilled in me a flavour for research work. I sincerely appreciate and thank him for his tolerance, kindness and valuable guidance. His enlightening suggestions as well as his scholarly comments were a source of inspiration to me while preparing this dissertation.

I am grateful to Dr. S. Prasanna Kumar, Dean of Sciences and H.O.D. of Zoology, Scott Christian College and Dr. James R. Daniel, Principal, for their words of encouragement and providing the institutional facilities.

My special thanks are due to my teachers Dr. S. Godwin Wesley, Reader in Zoology, Scott Christian College and Dr. S. Madaswamy, Former H.O.D., Department of Zoology, Pioneer Kumaraswamy College, Nagercoil for being a source of inspiration and the invaluable help in completing the chromosome studies.
I am also indebted to all my colleagues and non-teaching staff of the Post-Graduate Zoology Department for their constant help.


Further I wish to thank my wife Suja and son Andrew George Dev and parents for their help in carrying out my work inspite of their tight schedule.

My special thanks to M/s. The Print Corner, Nagercoil and M/s. Copy Shoppy for word processing and computer typesetting of this thesis.

D. MITRA DEV