ACKNOWL EDGEMENT

It is with great pleasure I record my deep sense of gratitude and indebtedness to Dr. R.V. Shah, Prof. & Head, Department of Zoology, Faculty of Science, M.S. University of Baroda, India for the suggestion of the problem, guidance and constant encouragement throughout the course of the present study.

I take this opportunity to thank Drs. A.V.Ramachandran and Bonny Pilo for critically going through the manuscript and their timely and valuable help. I am thankful to Drs. Pankaj Hiradhar, N. Radhakrishnan, M.V. Asnani; K.T. Kishnani and S.T. Patel for the help rendered to me in preparing this thesis. I also record with pleasure my thanks to all my colleagues and friends in the Department for their cooperation.

Finally, I am indebted to University Grants Commission for the award of Junior Research Fellowship during the tenure of which part of the work was carried out.