ACKNOWIEDGEMENTS

It is with a deep sense of gratitude and indebtness that I take this opportunity to express my sincerest thanks to Dr. J. C. George. Professor and Head of the Department of Zoology, Faculty of Science, M. S. University of Baroda, for the suggestion of the problem and for the constant guidance and encouragement without which this work would not have been completed. I wish to acknowledge my thanks to Professor Paul Pirlot of the University of Montreal, Canada, for his kind co-operation in sending the Hummingbirds used in this investigation, as a gift to Dr. J. C. George. My thanks are also due to Dr. K. S. S. Nair and Dr. (Miss) N. J. Chinoy of the Department of Zoology, M. S. University of Baroda who read through the manuscripts of many chapters and offered valuable criticisms and Mr. Daniel of the Bombay Natural History Society, Bombay, who kindly identified the bats used in this study. I am indebted to the Ministry of Education, Government of India for the award of a Research Scholarship, during the tenure of which most of the work was carried out. Finally I thank all my colleagues in the Department for their co-operation and help in various ways in the preparation of this thesis.