ACKNOWLEDGEMENTS

I am thankful to Dr. H.N. Shargava, A.I.C.(A.I.C.), Ph.D. (Jaisalmer), Ph.D. (London), Head of the Department of Zoology, University of Jaisalmer, Jaisalmer, under whose expert guidance this work was carried out. Dr. Shargava's zeal for scientific research, understanding, attitude and patience provided the right kind of support, a young research worker needs at the early stage of his career. I express my regards and deep sense of gratitude to him.

I most sincerely express my gratitude to Dr. S.O. Beals, Department of Zoology, Bedford College, University of London, London, and to Mr. J.J. Grove, Marine Science Laboratories, Menai Bridge, Anglesey, U.K., for kindly lending the original grades of the 'derived Westwood Index (W.O.I.)' to me through my supervisor, Dr. H.N. Shargava.

I also owe my sincere thanks to Mr. A.K. Kalzada, Assistant Professor of Zoology, University of Jaisalmer and Shri D.K. Dwivedi, Lecturer in Zoology, Govt. Post-Graduate College, Tikamagarh (M.P.), for healthy discussion and extending help in many ways during the course of this work.

I owe my respectful indebtedness to my parents who have always been the source of moral support. I must thank my wife and my friend Mr. J.A. Jain for their constant encouragement during the tenure of this work.
My friend specially Dr. J.K. Jaxena, Dr. J.P. Jain and Dr. A.J. Dahiya always showed their willingness to help me. I express my sense of gratitude to them.

Finally, the award of a scholarship by U.G.C. and later on a Junior Research Fellowship by Council of Scientific and Industrial Research of India, is gratefully acknowledged.

JAGAN
December, 1976.

(Ajai Kusar Jain)