ACKNOWLEDGMENTS

The present work has been completed under the scholarly supervision of Prof. R. Nagabhushanam, D.Sc., Ph.D., F.Z.S.I., Sigma XI, (U.S.A.), F.N.A.Sc., F.N.A., Fulbright fellow, Professor and Head, Zoology Dept., Marathwada University. With profound regards and respects, I express my deep indebtedness to him for his constant encouragement and inspiring guidance throughout the present studies.

I am obliged to Dr. C.B. Dummalod and Dr. U.M. Farooqui for their willing co-operation and unreserved help in many ways. Dr. G.K. Kulkarni offered crisp comments and suggested improvements in the thesis. Miss. Pramoda Matihalli critically read the manuscript. To them, I owe my sincere thanks.

My grateful thanks are due to Dr. A.M. Mungikar for his valuable advice and help, particularly in botanical part of the studies. Dr. V.N. Naik, Reader in Angiosperm taxonomy, identified the plant species for which I record my gratitude to him.

I extend my thanks to Dr. M.K.P. Meyer of Plant Protection Research Institute, Pretoria, South Africa and Dr. Carlos Flechtmann of University of Sao Paulo, Brazil for confirming the identity of the two mite species dealt with here. Dr. E.W. Baker, Dr. J.G. Rodriguez,
Dr. D.L. Wrensch, Dr. W.W. Cone, Dr. Crooker, Dr. Barfield (U.S.A.), Dr. Chant (Canada), Dr. Pijnacker and Dr. W.P.J. Overmeer (Netherlands), Dr. M.K.P. Meyer (South Africa) Dr. U. Gerson (Israel) and several other eminent acarologist generously provided several of their research publications which were of inestimable help to me. I owe a special debt of gratitude to them all.

Prof. D.T. Anderson (an authority on arthropod embryology) of University of Sydney, Australia provided me some valuable information and shared his views on animal development and egg size for which I tender my thanks to him.

I am grateful to the authorities of Marathwada University and University Grants Commission, New Delhi for the award of Teacher Fellowship and to the authorities of N.E.S. Science College, Nanded for grant of study leave for this period. My thanks are due to Principal Dr. B.R. Keshavan and Dr. (Mrs.) R. Keshavan for their encouragement.

I thank my brother, Satish Sirsikar for excellent typing of thesis. I recognize a deep obligation to a large number of my present and former colleagues and friends who have been of direct or indirect help to me.

Date: June 11, 1982.

Aurangabad.

A.N. Sirsikar