ACKNOWLEDGEMENT

It gives me great pleasure to express my sincere indebtedness to my guiding teacher Dr. (Sr.) Avita, Professor, Department of Botany, St. Teresa's College, Ernakulam for her esteemed guidance and encouragement throughout this investigation. I wish to owe my deep sense of gratitude to Sr. Emilien, Principal, St.Teresa's College, Ernakulam for providing the facilities to carry out the study.

I offer my sincere thanks to Prof. K.K. Parvathy (Retd), Prof. Thangam Mathew, Dr. (Sr.) Merlee Teresa, Sr. Tessa and all my beloved teachers of the department for their constant encouragement.

I am obliged to Dr. G. Kulandai Velu, School of Biological Sciences, Madurai Kamaraj University for the S E M photographs and Dr. T.N. Sugathan, Department of Bio-medical Sciences, Kuwait University for doing the Computer analysis.

I recall with gratitude Dr. P.K.K. Nair, Dr. K.S. Manilal, Dr. P.M. Mathew, Sri. H. Krishna lyer, CIFT and Mr. Vijayakumar, Assistant Editor, Indian Express for critically going through the manuscript. I express my deep and sincere gratitude to Dr. K.V. Krishnamurthy and Dr. E.C. Raju for their valuable suggestions in the histochemical methodologies followed.
I gratefully acknowledge the facilities extended to me by the authorities of the National Botanical Research Institute, Lucknow; Central Institute of Medical and Aromatic Plants, Lucknow; Botanical Survey of India, Coimbatore; Bharatidasan University, Trichy; Madurai Kamaraj University, Madurai; Central Marine Fisheries Research Institute, Cochin and Rubber Research Institute of India, Kottayam for the multifarious help rendered.

I am thankful to my colleagues, Dr. Annie Deleela C.J., Dr. Thara K. Simon, Miss. Liza Jacob, Miss. Victoria. P.K., Mrs.Lissy Jose, Mrs. Beena Suresh and also to the non-teaching staff of St. Teresa's College, Ernakulam for their help and encouragement.

I have great appreciations for the financial assistance received in the form of J.R.F. from the Mahatma Gandhi University, without which I could not have completed this study.

I am thankful to the services offered by M/s. Coastal Impex especially to Miss. Mallika, P. for neatly typing the thesis.

Last but not least, I record my heartfelt thanks to my parents, sisters and relatives in-law for their constant encouragement and help throughout the work. I express my special gratitude to my husband for carefully going through the manuscript and without whose patience and understanding this would not have been a successful effort.

Sheela D.