ACKNOWLEDGEMENT

I wish to express my deep sense of gratitude to my esteemed supervisor and guide Dr. K. Janardhanan, Professor, Department of Botany, Bharathiar University, Coimbatore, who gave scientific freedom, fatherly advice, encyclopaedic thoughts, meticulous editorial care, tireless encouragement which had given me inspiration for carrying out my research and successful completion of thesis.

I am grateful to Dr. K. Udaiyar, Professor and Head, Department of Botany, Bharathair University, Coimbatore for his constant encouragement and support throughout this study. I also thank Dr. S. Manian, Dr. K. Francis, Dr. V. Naramatha Bai and Dr. V. R. K. Reddy, Faculty members of the Department of Botany, Bharathiar University, Coimbatore.

I express my thanks to Mrs. Noorjahan, Herbarium Keeper, Dr. T. Sekar, Mr. Krishnasamy and Mr. Mohan Das for their help during the course of this work.

I wish to thank all the tribals of Irular community for their co-operation and hospitality shown during the frequent field visits. I am indebted to Mr. Palanichamy Goundar & family for their love, affection, hospitality and help rendered during field visits. I also thank Mr. Ravikumar, Field Officer, Spic Board, Coimbatore for his timely help during field work.

I am extremely grateful to the Conservator of Forests, Dr. Sekar, I.A.S. for permitting me to enter the deep forests of Siruvani hills. I would also like to thank Mr. Rajkanth, Forest Officer, Iruttuppallam and the Office Staffs, Mrs. Rajeshwari and Mr. Thennarasu, for their constant help in collecting information about the study area.

I am thankful to Dr. S. Karuppusamy for his kindness in accompanying me during field trips and helping in identifying the plant species on the spot. Also I extend my thanks to Dr. Venkatachalal and Dr. Ramesh, Department of Zoology, Bharathiar University, Coimbatore for rendering valuable suggestions throughout the study. I would also like to thank Dr. A. William Jebadas, SBI, Coimbatore and Prof. K. Raman, Principal, Madura College, Madurai for their valuable comments and suggestions on this manuscript.
I am grateful to Dr. R. Natesan, Head and Mr. Pandikumar, Lecturer, Department of Microbiology, Madura college, Madurai, for providing lab facilities to complete a part of my work. Also I extend my thanks to Dr. Sivakumar and Dr. Bhuvaneshwaran, Scientists, IFGTB, Forest College, Coimbatore for their help and support in statistical analysis. I would not have completed this work without their help. Also I am extremely grateful to Dr. Brindha, Dr. K. Balakrishnan and Mr. Ravinders Singh, CSMDRI, Chennai for their support and guidance in completing phytochemical work.

I am thankful to my friends Mrs. Angeline Sundar, Ms. Kalpana, Ms. Meena, Ms. Chitra, Mr. S. Sundarakumar, Mr. V. Karthi and Mr. Master Anand, for their support and encouragement during the course of this study. I extend my thanks to Dr. R. Suresh Kumar & family and Mrs. Gayathri & family for their support at each and every stage. Also I thank my seniors, colleagues and well wishers for their help at one stage or other.

I am grateful to Mr. V. Suresh Kumar and Mr. Ramesh, City Offset Printers and Mr. R. Suresh Kannan, Mayuri Creations for their help in preparing graphs and photos.

I am indebted to my uncle Dr. R. Jambulingam and Dr. K. Venkataraman for their love, affection, support and encouragement throughout the study.

I feel scarcity of words to express my deep sense of gratitude to Mr. B. Nabi Research Scholar, Pondicherry University, who stood by me during calm and storm, being my moral booster when in dumps and lending a helping hand when in need of it, I am incarcerated by his intransigent harmony.

In the end its my loving family members, my parents, brother Mr. T. P. Velavan, my fiance Mr. A. Paranthaman, my in-laws, who provided moral support and endured so much for me, and the loving God, who made it possible. To them, I dedicate this simple effort.

(Karthikeyani, T. P.)