

ACKNOWLEDGEMENTS

Present work is a result of help rendered to me by many authorities, friends and colleagues and family members. It is my pleasant duty to record my sincere acknowledgement to all of them.

It is the only occasion, where I can express my deep sense of gratitude to my guide Dr. V.D. Vartak, Scientist E-1 and Head of the Botany Department, MACS for his tireless efforts and cooperation during the entire period of my research work and compilation of the thesis.

I am also indebted to Dr. K.R. Surange, Director, MACS Research Institute and Prof. G.B. Deodikar, Ex-Director and Emeritus Professor, for their unfailing interest in the subject, encouragement and providing necessary laboratory facilities. Dr. S.H. Godbole, Deputy Director of the Institute, has shown keen interest in the subject, without which the work would have not been completed.

I am thankful to Dr. D.D. Wani, Head of the Botany Department, Abasaheb Garware College, Pune, who has encouraged me to join the research field and also provided due time facilities for my research project.

I have to acknowledge the authorities of (1) Botanical Survey of India, Western Circle, Pune for herbarium consultation and (2) Meteorological Department, Government of India, Pune for rendering valuable information regarding climatic data.

Justice S.G. Patwardhan, Prof. D.G. Varadpande, Dr. M.S. Kumbhojkar and Mrs. V.S. Ghate deserve special mention for going through the manuscript and for their critical comments and valuable suggestions in the correction of the draft. I am grateful to Dr. R.M. Badve and Dr. V.D. Borkar for providing geological information.

I wish to place on the record, the efforts of Shri V.C. Deo for drawing and photography work. Shri D.N. Nagpure has also rendered his assistance in drawing and photography.

My thanks are due to the Forest Department, Government of Maharashtra, and specially to Shri Ballal, D.F.O. of Alibag for providing valuable information on Casuarina plantation and also for relevant facilities in the area.

Dr. S.B. Bonde, Shri D.K. Kulkarni, Mrs. A.S. Upadhye, Miss V.Y. Dabadghao have extended their full cooperation during compilation of the thesis. I shall ever remember their help.

I am thankful to Shri Khapare and Shri Mhetre for their assistance in the laboratory.

v

The staff members from the Library and Administration Department of MACS have given their fullest cooperation from time to time for which they require special mention. Special efforts were taken by Shri D.B. Belsare which must be duly acknowledged here.

Several student friends and colleagues particularly Prof. (Miss) S.G. Purohit, Dr. V.D. Ranade, Dr. R.N. Mishra and Dr. R.G. Bagool deserve special thanks for their cooperation during the field work.

I am extremely thankful to Dr. Ashok Marathe and Miss Suhasini Borgaonkar for carrying out correction work.

The work would not have been completed without hospitality extended by people at Kanakeshwar and Nagaon. I wish to record my thanks due to them.

Last, but not least, I express my deep sense of gratitude to my parents for their continuous encouragement and to my brother for his considerate support.

Maharashtra Association
for the Cultivation of
Science Research Institute,
Pune 411 004

H. D. Sane

13th July 1983