

ACKNOWLEDGEMENT

I wish to express my deep sense of gratitude towards my guide Prof. Dr.S.R.Yadav Department of Botany, Shivaji University, Kolhapur for developing and nurturing an interest in me for research. He is the perpetual source of inspiration for me. I sincerely acknowledge with gratitude the valuable guidance and time to time moral support given by him during this investigation. The words are inefficient to express my gratitude towards him.

I am thankful to Prof. (Dr.) G.B.Dixit, Head, Botany Department, Shivaji University, Kolhapur for providing laboratory facilities and for his constant encouragement

I am grateful to Dr. (Mrs.) U.S.Yadav. She has been continuous source of inspiration for me. I am very much thankful to her for giving me fruitful suggestions.

My sincere thanks to all my teachers. Prof. (Dr.) P. D. Chavan, Prof. (Dr.) S. S. Kamble, Dr. (Mrs.) A. B. Sabale, Dr. (Mrs.) M. M. Dongare, Dr. (Mrs.) N. S. Chavan, Dr. D.K.Gaikwad, Dr. (Mrs.) V. S. Rathod, Shri. R. V. Gurav and Dr. N. B. Gaikwad of Botany Department, Shivaji University, Kolhapur for their kind co-operation.

I am also thankful to Adake madam and non-teaching staff of the Botany Department for their help.

My thanks are due to Dr.P.G.Diwakar, Deputy Director and Head of office, Botanical survey of India, Pune for providing necessary help in present work.

My special thanks to Sr.Lucy kuriean didi and Hira Tai for encouragement.

I acknowledge the help given by my colleagues Dr.G.G.Potdar, Dr.Priti Mahekar, Dr. V.B. Shimpale, Dr. Mayur Kamble, Mr. Nilesh Malpure, Mr.Shankar Shendge, Mr. Kumar vinod Gosavi, Mr.Arun Chandore, Mr.Manoj Lekhak, Mr. Sandeep Pai, Mr.Mansing Nimbalkar, Mr. Nilesh Pawar, Dr. Swaroopa Ghatage and M.Sc. students.

I acknowledge the help and support given by my friends Supriya, Priti, Dr.Sheetal, Madhuri, Vibhawari, Lubdha, Farzana, Yogita, Rumana, Rajashri, Pallavi, Smita, Rahul, Nivas, Navanath, Shakil, Sajeed, Sandeep, Vishal, Vinayak, Chamyra, Amol, Ajinkya, Sandesh, Bhujang, Vishwajit, Makya, Swapnil, Rani and Borse kaka.

I am thankful to Ministry of Environment and Forest for their financial assistance.

I will fail in my duties if I do not acknowledge my parents and my didi - jijaji for their moral support without which it was not possible for me to complete my work.

Last but not the least; I am thankful to all my well wishers.

Miss.Shital A.Chivalkar.