Acknowledgements

Indeed it is divine joy to express hearty feelings at this moment regarding my guide Dr. P.B. Papdiwal M.Sc., Ph.D., F.P.S.I., F.B.S., Associate Professor, Department of Botany, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. I am profoundly thankful and express my deep sense of respect to him, because I could complete my research work under his scholar guidance, genuine inspiration and constant encouragement.

I am also grateful to Dr. V.S. Kothekar, Professor and Head, Department of Botany, for providing laboratory facilities during my research work.

I am thankful to the officers and staff of Wildlife (WL) Division, Aurangabad, Govt. of Maharashtra; for their help in various ways. I am thankful to Mr. Samir Sahai, the then Conservator of Forests (working plan), Aurangabad for taking initiative in the study of biodiversity at Nathysagar. The permission given by him for collection of samples & their study is gratefully acknowledged.

I also take this opportunity to express thanks to Dr. A. M. Mungikar, Dr. Ashok Chavan, Dr. M. M. Sardesai, Dr. Mrs. S. S. Barve, Dr. A. S. Dhabe, and other staff members of the Department, for their help in various ways.

The help and encouragement given by Mr. Dilip Yardi, Hon. Wildlife Warden, Forest Dept., Aurangabad; during present research, is gratefully acknowledged.

I express thanks to my seniors Dr. S.L. Korekar, Yashwantrao Chavan College, Tuljapur; Dr. R. J. Sawant & Dr. B.T. Pawar, Muktanand Mahavidhyalaya Gangapur; Dr. S. R. Wadyalkar, Ankur Seeds, Pvt. Ltd., Nagpur and my colleagues in the laboratory Dr. Smita Harane, Miss. Kalpana Bochre, and Mr. Naval Todawat for humanly sense commitments which are monumental recordings for me throughout my life.

I am very much thankful to Mrs. Lata Papdiwal, Mrs. Varsha Lohade, Er. Jivraj Papdiwal, and Master Soham Badjate for their kind cooperation and moral support during the entire research.
I intensely express my feelings to my father Principal Shri Bhaskarrao Raghunath Jadhavar, my mother Sow. Kusum Jadhavar, my uncles Shri.Trimbak R. Jadhavar, Rohidas R. Jadhavar, Shri Manik R. Jadhavar and Prof. Vilas R. Jadhavar; brothers Adv. Kiran B. Jadhavar, Mr.Ravikant B. Jadhavar, my sister in law Sow. Pratibha K. Jadhavar, baby Praniti (Tina) and Sister Sow. Sulakshana Jadhavar Kute, and all other relatives for encouragement during the completion of the present work.

I express sincere thanks to my friends Miss. Sonali Ghuge, Dr. Vitthal N. Rathod, Sanjay M. Ambhore, Tushar K. Mhaske, Vinod B. More and Vaibhav H. Kute for their help in various ways

I am thankful to Mr. G.B.Tezad for typing the thesis; Mr. Neeraj Papdiwal and Miss Shridevi Bandgar for their help in photography. I am also thankful to Mr. Kame, Mr. Ankush Mhaske and other non-teaching staff of this department, for their help in various ways

June, 2011.  
Prakash. B. Jadhavar