Acknowledgement

I express my deep sense of gratitude and indebtedness to my guide Dr. Arvind S. Dhabe. Professor, Dept. of Botany, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad for his valuable guidance and talented suggestions during the course of this investigation. I am extremely grateful to him for his keen interest and constant encouragement, which infused me to undertake his research work.

I express my sincere thanks and gratitude to Dr. R. P. Patil, Dept. of Botany, Devgiri College, Aurangabad for his valuable guidance, support and help. I am also thankful to Dr. D. S. Pokle, Aurangabad for his co-operation and support. I am thankful to Late Dr. V. N. Naik sir, for his encouragement and help for my work.

I am also wish to acknowledge my indebtedness to Prof. S. N. Raina, Dept. of Botany, University of Delhi, Delhi for giving me basic training in Cytology and help me during my work. He is kind, co-operative and provided all facilities including accommodation at university girls hostel. I am thankful to my teachers Dr. V. S. Koethekar, The Former Head, Dept. Of Botany, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad for providing me necessary facilities, Dr. A. M. Mungikar, Dr. S. S. Barve, Dr. Bharti Jadhav, Dr. P. B Papdiwal, Dr. M. M. Sardesai, Dr. N. B. Pandhure, Dr. Ghoble, Dr. Jagtap, Dr. Kulthe, Dhake sir, Bhadange sir, Dr. Sangita Dongre, Ban madam, Dr. Dode Madam, Dr. Waghmare, Dr. Devraru madam, Aarti Waghmare madam, Gaikwad madam, Mr. Paikrao and all for their valuable cooperation during the present research work.

I am also thankful to Dr. G. D. Khedkar, Dept. Of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad for his help in carrying out research work based on molecular level in Paul Herbert centre for DNA Barcoding.

I am very much thankful to Mr. B. S. Dhokne, Photographer- cum Artist, who contributed a lot in regarding photography, cover design and digital printing of colour photoplates.

My special thanks to Dr. P. K. Singh sir, Manipur University, Dr. Chetty sir, S.V. University, Tirupati, The Head, Dep. Of Botany, Visakhapatnam, Prof. T. Pulaih, Director, Scientists and office staff member of BSI, Calcutta and Southern Circle, Coimbatore, Librarian of IMMT Library, Bhubneshwar, Mr. Kannan, Bapat Kaka, for their kind help in Reference and plant specimen collection and accommodation facilities.

I wish to place on record thanks to Amol, Dr. Kavita, Dr. Jennet, Dipali Bagul, Dr. Renuka, Dr. Tanvir Dar, Dr. Mahalaxmi, Dr. Deepmala Sehgal, Poonam Kanwar, Priyanka Shrivastav, Ankur Bhardwaj, Neeta Sarangthem, Sukeshani, Gausia Shaikh
Dr. Mahalaxmi, Dr. Deepmala Sehgal, Poonam Kanwar, Priyanka Shrivastav, Ankur Bhardwaj, Neeta Sarangthem, Sukeshani, Gausia Shaikh, Dr. Atul Chourpagar, Dr. Mustafa Dandu, Yuvraj Girbane, Gitte Sir, Shridevi Bandgar, Dr. Rupali Biradar, Amrapali Bhagat, Vijay Paithane, Santosh Kamble, Dr. Vishal Sarwade, Dr. Vikas Gambhire, Dr. M. A. Kare, Dr. Anil Bhalerao, Dr. Rajesh Gaikwad, Dr. Pranita Aswale, Dr. Amit Hatti, Dr. Shrimant Survase, Dr. Haribhau Waghire, Dr. Sunil Sangle, Dr. Swapnil Mahamune, Dr. Sandhya, Dr. Ranjit Bansode, Dr. Pavan Shingare, Shashikant Gawai, Amol, Betabsingh Karodpati, Shankar Sanap, Babasaheb Kugar, Dr. Rajendra Kakde, Dr. Dhondiram Gadgile, Dr. Sangitha, Dr. Ranu Bhardhiya, Dr. Raut, Dr. Vinod, Dr. Sangitha Ghadge, Vishwanath Waghmare, Dr. Savita Salve, More, Tukaram Kamble, Megha Tupe, Megha Shewale, Sandhya, Adhagale Sir, Mane sir, Anita, Rahul, Dr. Vikas, Balasaheb Ughade, Rashmi, Rishid, Kawade Madam, Magare Madam, Adhagle sir and my all friends outside the department for their timely help and constant support.

I am equally thankful to Tezad sir, Kame sir, Rishi, Yunus bhaiya, Deshmukh sir, Pandit mama, Sathe mama, Mhaske mama, Bachake Mawashi and all Botanical staff for their continuous help during the research work.

I am thankful to University Grants Commission to sanction Rajiv Gandhi National Fellowship for research work and all official staff of UGC, Devgiri college, and Mr. Aepurwar sir, Mrs. Mudliyar madam, Mr. Mudgire sir, Wankhede Sir of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad for their kind help in official work.

I cannot express my feelings and emotions in words the familiar treatment given by Vaidya Shankarrao Dhape (Baba), Sau. Indirabai Dhape (Aai), Mrs. Archana Dhape madam, Ku. Ayura and Arhat during my research work so, I thank them from my bottom of heart.

I am deeply thankful to Gaisamudre Kaka, Mawshi and Dr. Prakash Sarwade for their familiar treatment.

I also wish to acknowledge my indebtedness to Mr. and Mrs. Agrawal, Mr. Parag Pathre, Mr. Narendra Dixit, Arya and Omkar.

At last but not the least I am thankful to Aaradhana, Shradha, Aniket, Sweet Sumananjali, Sakshi, Sandip, Prashant, Prakash, Sonu, and all my family members.