I place on record my deep sense of gratitude and indebtedness to Professor (Dr.) P. Kachroo, Head of the Botany Department, the University of Kashmir, Srinagar for his guidance, encouragement and help throughout the course of this investigation.

Thanks are also due to the authorities of the Education and General Departments, Jammu and Kashmir Government for granting one year's study leave that enabled me to devote full time to complete the work. I am also thankful to the Principal, Govt. College, Sopore for laboratory facilities during earlier course of this study.

To Dr. A. M. Shah, Lecturer and A. M. Mir, Research Scholar, Department of Botany, University of Kashmir, Srinagar I express my sincere thanks for their assistance in many ways. I also wish to thank the authorities of the Botanical Garden, Bogor; Prof. B. Kitanov, Sofia; H. C. Tang, Hong Kong; Mohd. Shah, Singapore; Prof. S. S. Bir, Patiala; G. V. Subarao, Coimbatore; Dr. A. K. Kaul and B. M. Sharma, Jammu for sending me the relevant material.

Last, but not the least, of all I gratefully acknowledge the good wishes and help of my colleagues and friends.

M. M. B.