I take this opportunity to express my thanks to my revered teacher Prof. J. J. Chinoy, M. Sc., Ph.D. (London), D.I.C. (London), F.N.A.Sc., Professor and Head of the Botany Department and Director, University School of Sciences, Gujarat University, for suggesting the problem and constant guidance, inspiration and encouragement throughout the course of present work.

My thanks are also due to Dr. O. P. Saxena who has helped me sincerely at every stage of this work. As this work involved lot of biochemical analyses I had to seek help of some of my colleagues. My sincere thanks are due to (Miss) H. K. Shah, Dr. (Miss) P. N. Shah, Mr. H. O. Shah, Mrs. M. D. Jani, Miss Bharati Zaveri, (Miss) Malti Kaul, (Miss) Daksha Mehta and others who directly or indirectly helped me in various ways.

I also wish to thank Dr. C. K. Shah, Dr. B. S. Vaidya, Dr. A. B. Vora, Dr. (Miss) U. H. Acharya for helping me in the completion of this work. I also thank to typist Mr. R. K. Modi, Photographer Mr. N. A. Shah and artist Mr. S. B. Valand for their help during this work.

The financial assistance by I.C.A.R. and later by C.S.I.R. is also gratefully acknowledged.

(Parin I. Ghesani)