

ACKNOWLEDGEMENTS

It is with immense pleasure, I wish to record my profound gratitude and indebtedness to Dr. S. D. SABNIS, M.Sc., Ph.D., Dip. Museo., Professor, Department of Botany, M. S. University of Baroda, for his keen interest in the problem suggested to me and for his erudite guidance and constant encouragement, I received both in word and deed from him throughout the progress of this work. His faculties of keen observation, deep insight of the subject and sublime behaviour have all provided me constant inspiration for the completion of this work in such a short period.

I also wish to acknowledge my indebtedness to Dr. M. Daniel, M.Sc., Ph.D., Dip. Russ., who not only gave me the basic training of the subject but also helped me at various stages of my work.

My thanks are also due to former Head, Botany Department, Prof. C.H. Pathak, as well as to Prof. A.R.Mehta, Head, Botany Department for providing all the facilities to carry out this work.

A number of plants were provided by Prof. R.M.Pai, Aurangabad; Prof. S. B. David, Dr. Varadpande, Pune;

Dr. K.S.S. Rao, Anand; Dr. P.G. More, Bulsar;
Prof. J.V. Joshi, Surat; Dr. Diwanji, Indore;
Prof. P.K. Deshpande, Dr. K.H. Makde, Nagpur and
Mr. G. Sasikumar, Curator, Botanical Garden (Museum),
Trivandrum. I thank all of them for their generous help
in providing the plant materials.

My special thanks are due to Dr. C.R. Parks,
University of North Carolina at Chappel Hill, U.S.A. for
providing dry specimens of Paulownia tomentosa to
Prof. S. D. Sabnis during his U.S.A. trip.

Dr. Alwyn H. Gentry, Missouri Botanical Garden, U.S.A.,
Prof. H.Y. MohanRam, Delhi University and Prof. M.D. Padhye,
Nagpur University have provided useful literature pertinent
to my research work. I am thankful to all of them.

The facilities provided by the Sarabhai Research Centre,
Baroda and Food and Drugs Laboratory, Baroda are gratefully
acknowledged.

During the course of my research, I received valuable
help from Dr. S.N. Padate, Dr. R. P. Bhatt, Shri S.M. Bagde,
Dr. G.P. Senan, Sarvashri M.C. Kulkarni and D.M. Mohite,
for which I am thankful to them.

Thanks are also due to Dr. Anjali M. Padhye, Organic

Synthesis Division, N.C.L. Pune for providing authentic samples of quinones.

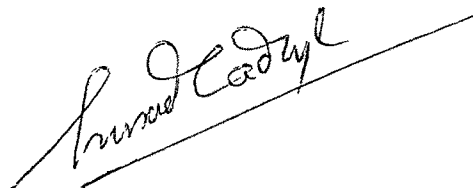
I express my gratitude to all of my close friends and colleagues, Mr. C.B.S. Dutt, Miss Padmaja Merh, Mr. M.C. Joshi and Mr. N. Augustine who rendered valuable help and friendly co-operation.

Special thanks are also due to Shri P.T.Dindorkar for his sincere help in line drawings and to Shri P.S. Bhoite for excellent typing of the manuscript.

The award of Junior Research Fellowship by the C.S.I.R. New Delhi is gratefully acknowledged.

I would be failing in my duty if don't thank my brother, sister, Miss Anjali Joshi and her parents who encouraged me during the progress of my endeavour.

Lastly, help rendered by the teaching and non-teaching staff of the Botany Department is gratefully acknowledged.

A handwritten signature in dark ink, slanted upwards to the right. The signature appears to read 'Prasad M. Padhye' in a cursive script.

(Prasad M. Padhye).