ACKNOWLEDGEMENTS

It is a pleasure to convey my gratitude to all the people whose assorted contribution, during the research work and writing of the thesis, deserve special mention. I wish to place on record my deep sense of gratitude and profound thanks to my supervisor, Dr. Sudhir Singh, Scientist-F, Forest Entomology Division, Forest Research Institute, for giving encouragement, sound advice, good teaching and ideas throughout the period of my Ph. D. work. Without his constant guidance and support the research work in the presented form would not have taken the final shape. Working under him was an enriching experience.

I am thankful to Dr. Mohd. Yousuf, Scientist F, Head Forest Entomology Division, Forest Research Institute, for his invaluable support and guidance during the period of present research work.

It has been my privilege to have an opportunity of working in Forest Research Institute, Dehradun. I sincerely thank Dr. P. P. Bhojvaid Director, Forest Research Institute for providing their support and help for the accomplishment of this research work.

I would like to thank Dr. Neena Chauhan, Scientist-E, Dr. K. P. Singh, Scientist-C, Forest Entomology Division, for their kind help and cooperation needed from time to time. I express my sincere thanks to Shree Raman Nautiyal for giving critical suggestions for designing and statistically analyzing the biodiversity data during the study period.

I am thankful to the office staff of the Forest Entomology Division, for their invaluable cooperation. I am thankful to Sh. R.B Singh, R.O- I and Sh. Om Prakash Sharma, R. A- I, who helped tirelessly during the collection of samples from the fields.

I extend my gratitude to Dr. M. Ahmad, Scientist-F, Ex- Head Forest Entomology Division, Chairman RAC and all the expert members of the RAC, for their suggestions and support.

It is my pleasure to place on record my affectionate thanks to my friends and colleagues Dr. Faisal, Dr. Anil Dubey, Mr. Bhatia, Ms. Aparana Shri, Ms. Bhawana Joshi,
Mr. Mohsin, Mr. Majid for their valuable discussions, constructive comments, encouragement and good company throughout the research work.

I express my deep sense of gratitude and total indebtedness to my parents and in-laws, eldest sister Anjana Sundriyal, elder sister Babita Dabral, and twin sister Shivani Dobhal and brother Amit Dobhal, thanks is also due to my brother in-laws Mr. R.P. Sundriyal, Mr. Praveen Dabral. Finally, I would like to thanks my husband Dr. Amit Nautiyal for his care and affection towards me and for his continuous moral support that boosted me in every step towards my success.

Rashmi Dobhal