ACKNOWLEDGEMENT

I express my heartiest gratitude to Prof. U.S. Gupta, Department of Zoology, H.S. Gour University, Sagar and Prof. (Mrs.) Smita Banerjee, Head, Department of Zoology, H.S. Gour University, Sagar for his talented guidance, valuable suggestion, helpful criticism and readiness in solving intricate problems throughout the entire course of present study.

I am highly grateful to Dr. A.K. Pateriya, Department of Botany, Dr. H.S. Gour University, Sagar and Dr. D.R. Singh, Department of Entomology, C.S.A.U.A&T, Kanpur and Dr. S.K. Singh, Senior Scientist, Department of Entomology, IIPR, Kanpur and Dr. Raguraj Singh Chauhan, Department of Agronomy, N.M.V., Lalitpur for their suggestions and inspiring guidance during the period of investigation.

It is my extreme privilege to gratuitously convey my special thanks to Dr. Arvind Kumar Jain (Former Health Minister of U.P. Government).

I am indebted to Shri Pradeep Chaubey, Minister of N.M.V., Lalitpur and Dr. R.N. Yadav, Principal, N.M.V., Lalitpur and Dr. O.P. Shastri, Department of Sanskrit, N.M.V., Lalitpur for providing me a chance to complete my present investigation by granting the leaves whenever I was in need.

I offered my warm respect to my parent Shri Radha Rama Kaushik and Smt. Sashee Kaushik and Jija ji Shri Neellesh Pateriya and Smt. Malti Pateriya, Shri Ram Kishore Mishra and Smt. Manju Mishra, Shri Ram Gopal Pathak and Smt. Neeta Pathak, Shri Shailesh Tiwari and Smt. Vineeta Tiwari and my elder brother Shri Pankaj Kaushik and Smt. Jayantee Kaushik, Shri Mukesh Kaushik and Smt. Usha Kaushik and my nephews and niece Khushboo, Chotti, Bobby and Rimpal and Father in law Shri Thakur Das Dubey and Smt. Laxmi Dubey, brother in law Uday Prakash Dubey and Smt. Madhu Dubey, Rohit, Rani and other members of my family for their constant encouragement and moral support provided during the whole study period.

As is said time and again some people are very special and so they do need special mention, my friend cum brother Shresh Dubey and Smt. Abhilasha Dubey, Shrin Dubey, Shabad Dubey, Pushpendra Dubey.
I would like to thank research scholar for their cooperation and support especially Uday Tiwari and Neel Gagan.

A special word of thanks to my distant friend Mrs. Aparna Sharma and her sweet baby.

Formal word of acknowledgement would hardly justify my purpose of expressing my sincere feeling of gratitude for Dr. Avnish Tripathi, Dr. L.K. Mishra, Dr. Raghunath Yadav, Dr. Balram Dwivedi, Pradeep Dubey, Neeraj Khare, Anurag Tiwari, Kaushal Nath Tripathi, Nitin Sharma, Nutan and Neeraj Litoriya whose love, affection, motivation, faith and support has helped immensely to improvise my approach to the subject.

I wish to record few fragrant words to my wife 'Nidhi' for her long patience, blessings and her complete cooperation with affection to face many difficulties during my study.

I sincerely acknowledge is due to Nafis and Shamime for meticulously editing manuscripts of this work.

I would like to thank all those helped me directly or indirectly during this research work.

At last, I thank the almighty and the supreme God for providing me the chance to live and think like a human, the best creature of the nature.

Jagat Kaushik