ACKNOWLEDGEMENT

I was indeed very lucky to get tremendous guidance and help from my teachers.

I gratefully acknowledge and take this opportunity to express my deep sense of gratitude to Dr. V.A. Sawant, my worthy Guide and Professor and Head of the Department of Zoology and Dr. A.T. Varute, the revered ViceChancellor of Shivaji University, Kolhapur who took deep interest in this dissertation and were the constant source of encouragement and guidance.

I am thankful to Dr. B.K. Pawar and Dr. S.G. Nanaware, Readers in Physiology Section of Department of Zoology, Shivaji University, Kolhapur for their excellent co-operation.

I am greatly indebted to Dr. M.N. Gogate, E.N.T. Surgeon for his personal valuable help for the audiometry in my dissertation. I extend my thanks to Dr. Y.M. Jadhav for his kind co-operation.

I am very much thankful to my colleagues and teaching and non-teaching members of staff of Zoology Department for their co-operation. I would like to thank Mr V.G. Chopade for his co-operation.

I would be failing in my duties if I do not express my indebtedness to administrative staff and workers of the textile mill, who co-operated with me in the present study.

Last but not the lest, I am greatly in debted to my family members, without whose help, encouragement and forbearance my endeavour would not perhaps have seen the light of the day.

(J.S. KANABARKAR)

Kolhapur: 30-11-1992