DECLARATION

I hereby declare that with the exception of the guidance and suggestions received from my Supervisors, Dr. V.G. Jhingron, M.Sc., Ph.D. F.Z.S.I., F.N.A. Sc., (former Director, Central Inland Fisheries Research Institute, Barrackpore (West Bengal) and Dr. Y.N. Sahai, M.Sc., Ph.D., F.A.Z, Asstt. Professor of Zoology, University of Sagar, Sagar (M.P.), this thesis is my own unaided work. It is based upon the research work carried out in the Zoological Laboratory, University of Sagar, Sagar (M.P.) and at the Central Inland Fisheries Research Institute (I.C.A.R.) Barrackpore (West Bengal) since June 1977.

( Neelima Sharma )