ACKNOWLEDGEMENTS

I am greatly indebted to Dr. N.G.K. Pillai (Supervising guide), ICAR Emeritus Scientist, Central Marine Fisheries Research Institute (CMFRI), Kochi for his most valuable guidance, suggestions, consistent encouragement and support throughout my research work.

I am grateful to Dr. A. Gopakrishnan, Director, CMFRI, Kochi for the constant support and inspiration throughout the entire period of my study.

I owe my great sense of gratitude to Dr. U. Ganga, Senior Scientist, Pelagic Fisheries Division, CMFRI, Kochi for her proficient advices, constructive criticism and constant encouragement.

I am obliged to Dr. E.M. Abdussamad (Co-guide), Principal Scientist, Pelagic Fisheries Division, CMFRI, Kochi for his constant support and encouragement during the course of my study.

I owe my sincere thanks to Dr. S. Bijoy Nandan, Associate Professor, Cochin University of Science and Technology (CUSAT) for guiding me as an expert member of my Doctoral committee.

I gratefully acknowledge Dr. E. Vivekanandan (Former Head, Demersal Fisheries Division, CMFRI) for the constant support for all our discussions.

I owe my sincere thanks to the Director, Centre for Marine Living Resources and Ecology (CMLRE), Kochi for his encouragements and support. I wish to express my sincere thanks to Ministry of Earth Sciences/ CMLRE (Govt. of India) for providing the fellowship during the period 2008-2011 in the project “Stock Assessment and Biology of deep-sea fishes in the Indian EEZ”.

I gratefully acknowledge Dr. G. Syda Rao (Former Director, CMFRI) for facilities provided and constant encouragement during his period.

I sincerely acknowledge my deepest sense of gratitude to Dr. P.U. Zacharia, Dr. K.K. Joshi, Dr. Sujitha Thomas, Dr. Sobhana, Dr. Muktha Menon (CMFRI), Dr. V.S. Basheer and Dr. P.R. Divya, Dr.T. Raja Swaminathan (NBFRG, Kochi) for their support and encouragements during the course of my research.

I am highly indebted to Dr. P.C. Thomas (SIC (Rtd.), HRD Cell, CMFRI) for the timely help in all matters concerned with my Ph.D. programme. The help and support extended by the HRD cell staff are greatly acknowledged.
I wish to express my sincere thanks to Office in Charge and staff members of CMFRI library and CUSAT Marine Sciences campus Library for the help and cooperation extended.

The blessings showered by my teachers, Dr. Rosamma Philip, Dr. Mohammed Hatha, Dr. Babu Philip, Dr. A.V. Saramma, Dr. Anneykkutty Joseph, Dr. C.K. Radhakrishnan (CUSAT), helped me for the successful completion of this work.

I take the privilege to express my sincere thanks to; Dr. W.T. White, Dr. P. Last (CSIRO, Australia), Dr. D. A. Ebert (Pacific Shark Research Center, USA), for sending valuable publications, answering my queries and help rendered during taxonomic problems.


Thanks to the fishermen and merchants along the coasts, especially at Kochi for their kind support and cooperation for the smooth conduct of the research.

I express my whole hearted thanks to my friends at CMFRI campus; Bineesh, Shanis, Hashim, Manju Sebastine, Beni, Ragesh, Subin, Ranjith, Remya, Manjusha, Anjana, Melna Rodriguex, John Bose, Vidy, Ratheesh, Gireesh, Preetha, Raj Kumar, Sajeela, Sheeba, John, Rahul, Vineesh and Mohita for their support and help in the preparation of this thesis

It's my pleasure to mention the moral support and encouragement rendered by my friends Prajith, Vinu Jacob, Jithu, Shuaib, Riyas, Rakesh, Amarnath, Shabeer, Jimly, Chaithanya, Ramya, Anu Pavithran and Anu Baburaj to make this venture successful. I use this opportunity to thank them all.

There are no words to convey my gratitude and gratefulness to my parents, my brother Abhilash and sister Anusha for their love and inspiration for achieving the present task.

Thanks to my wonderful wife Anulekshmi for her valuable suggestions, constant support, encouragement and love.

Above all, I am greatly obliged to almighty for his blessings without which the completion of this work would only have been a dream.

Akhilesh K.V