## ACKNOWLEDGEMENT

The author would like to express his gratitude to Professor C.H. Pathak for his guidance throughout the present work. His thanks are due to Dr. S.V. Ganapati for taking keen interest in this work and for various suggestions during experimental work. He has helped in identification of the planktonic forms. He wishes to thank Dr. R.G. Wetzel (Michigan State University, Ann Arbor, Michigan, U.S.A.) for giving suggestions through personal communication and providing reprints of his valuable publications.

Thanks are due to Dr. J.V. Amin for his constructive criticism of techniques, and to Mr. J.K. Dave who voluntarily provided company during the field work and assistance throughout the work; without his help the collections at Station B would have been difficult.

He wishes to thank Dr. S.D.Sabnis; Dr. B.M. Desai; Dr. (Miss) Sirkar; Mr. R.G. Vaidýa; Mr. K. Parimu; II

Mr. P.T. Dindorkar; Mr. M.C. Kulkarni; and Mr. D.M. Mohite who have extended assistance whenever it was needed. Special thanks are due to Mrs. Pratibha Kulkarni for her assistance in checking the entire manuscript including all the calculations and graphs.

Ģ

Thanks are due to the Mayor and the City Engineer of the Baroda Municipal Corporation and to the Collector of Baroda for permission to work in the Ajwa Reservoir and for the facilities of the guesthouse at the reservoir.

P. J. KULKARNI

.[