

10. BIBLIOGRAPHY.

- *Alcock, A., 1911 Occurrence of freshwater medusae in Indian Streams. Nature, 97: 214.
- *Annandale, N., 1907 The fauna of Brackish Ponds at Port Canning, Lower Bengal. 1. Introduction and preliminary account of the fauna. Rec. Ind. Mus., 1.
- Annandale, N., & S. Kemp, 1915 Introduction to the fauna of Chilka Lake. Mem. Ind. Mus., 5: 1-20.
- Ansari, Z.A., 1974 Macrobenthic production in Vembanad Lake. Mahasagar - Bull. natn. Inst. Oceanogr., 7: 197-200.
- Banoo, K., 1959 On upwelling and bottom trawling off the South West Coast of India. J. mar. biol. Ass. India, 1: 33-47.
- Bhargava, R.M.S. & S.N. Dwivedi, 1974 Diurnal variations in Phytoplankton pigments in Zuari estuary, Goa. Indian J. mar. Sci., 3: 142-145.
- Bhattathiri, P.M.A., V.P. Devassy & K. Radhakrishna, 1980 Primary production in the Bay of Bengal during Southwest monsoon of 1978. Mahasagar - Bull. natn. Inst. Oceanogr., 13 (4): 315-323.
- Birch, D.W., 1981 Dominance in marine ecosystems. Amer. Natur., 118: 262-274.
- Bowden, K.F., 1960 Circulation and mixing in the Mersey estuary, I.A.S.H. Comm. of Surface Waters, Publ. 51: 352-360.
- 1963 The mixing processes of a tidal estuary. Intern. J. Air Water Pollution, 7: 343-356.
- ^Y
_X Bowlee, K.A., 1960 Statistical theory and methodology in science and engineering. John Wiley & Sons, New York.

- Caspers, H., 1967 Estuaries: Analysis of definitions and Biological considerations. Estuaries, A.A.A.S. Publ., No. 93, Washington D.C. : 6-8.
- Chandramohan, P., 1963 Studies on zooplankton of the Godavari estuary. Ph.D. Thesis, Andhra University, Waltair: 1-163.
- Chandramohan, P. & T.S.S. Rao, 1972 Tidal cycle studies in relation to zooplankton distribution in the Godavari estuary. Proc. Indian Acad. Sci., 74: 23-31.
- Cheriyian, T., L.V.G. Rao & K.K. Varma, 1974 Hydrography and suspended sediment load of oceanic and estuarine waters adjoining Marmagea Harbour during early Summer. Indian J. mar. Sci., 3: 99-104.
- Cheriyian, T., L.V.G. Rao & K.K. Varma, 1975 Variations in physical characteristics of the waters of Zuari estuary. Indian J. mar. Sci., 4: 5-10.
- Chervin, M.B., 1978 Assimilation of particulate organic carbon by estuarine and coastal Copepods. Mar. biol., 49: 265-275.
- Conover, R.J., 1966 Assimilation of organic matter by zooplankton. Limnol. Oceanogr., 11: 338-345.
- Conover, R.J. & E.D.S. Corner, 1968 Respiration and nitrogen excretion by some marine zooplankton in relation to their life cycle. J. mar. biol. Ass. U.K., 48: 49-75.
- Cooper, Jr. H.H., 1959 A hypothesis concerning dynamic balance of fresh water and salt water in a coastal aquifer. J. Geophys. Sci., 64 (4): 461-467.
- Cowey, C.B. & E.D.S. Corner, 1963 On the nutrition and metabolism of zooplankton. II. The relationship between the marine Copepod Calanus helgolandicus and particulate material in Plymouth Sea water in terms of amino acid composition. J. mar. biol. Ass. U.K., 43: 495-511.

- Daniel, R. & A. Daniel, 1963 On the siphonophores of the Bay of Bengal. 1. Madras coast. J. mar. biol. Ass. India, 5:185-220.
- Darbishire, M., 1967 The surface waters of the coast of Kerala, South West India. Deep Sea Res., 14: 295-320.
- Das, P.K., C.S. Murty & V.V.R. Varadachari, 1972 Flow characteristics of Cumberjua Canal connecting Mandovi and Zuari estuaries. Indian J. mar. Sci., 1: 95-102.
- Day, J.H., 1951 The ecology of South African estuaries. Part I. General considerations. Trans. Roy. Soc. S. Africa, 33: 53-91.
- _____ 1967 The biology of Knysna estuary, South Africa. Estuaries, A.A.A.S. Publ., 83, Washington D.C.: 397-407.
- Day, J.H., N.A.H. Millard & A.D. Harrison, 1952 The ecology of South African estuaries. Part III. Knysna, a clear open estuary. Trans. Roy. Soc. S. Africa, 33: 367-413.
- Day, J.H., N.A.H. Millard & G.J. Broekhuysen, 1954 The ecology of South African estuaries. Part IV. The St. Lucia System. Trans. Roy. Soc. S. Africa, 34: 129-156.
- Day, J.H. & J.F.C. Morgans, 1956 The ecology of South African estuaries. Part VII. The biology of Durban Bay. Ann. Natal. Mus., 13: 259-312.
- Deevet, G.B., 1971 The annual cycle in quantity and composition of the zooplankton of Sargasso Sea off Bermuda. 1. The upper 500 m. Limnol. Oceanogr., 16: 219-240.
- Della Croce, N. & P. Venugopal, 1972 Distribution of marine Cladocerans in the Indian Ocean. Mar. Biol., 15: 132-138.
- Devassy, V.P. & P.M.A. Bhattachari, 1974 Phytoplankton ecology of the Cochin Backwaters. Indian J. mar. Sci., 3: 46-50.

- Devassy, V.P., 1979 Succession of organisms following
P.M.A. Bhattathiri & Trichodesmium phenomenon.
S.Z. Qasim, Indian J. mar. Sci., 8: 89-93.
- Fisher R.A., 1943 The relation between the number of
A.S. Corbet & species and the number of individuals
C.B. Williams, in a random sample of an animal
population. J. Anim. Ecol.,
12: 42-58.
- Williams and Wilkins, Baltimore:
163 pp.
- George, M.J., 1958 Observations on the plankton of
Cochin backwaters. Indian J. Fish.,
5: 375-401.
- George, M.J. & 1963 Surface salinity of Cochin back-
K.N. Krishna Kartha, water with reference to tide.
J. mar. biol. Ass. India, 5: 178-184.
- Glover, R.E., 1959 The pattern of freshwater flow in
a coastal aquifer. J. geophys. Sci.,
64 (4): 457-458.
- Gopinathan, C.K. & 1971 Silting in Navigational Channels of
S.Z. Qasim, the Cochin harbour area.
J. mar. biol. Ass. India, 13: 14-26.
- Goswami, S.C. & 1974 Ecology of Mandovi and Zuari
S.Y.S. Singbal, estuaries. Plankton community in
relation to hydrographic conditions
during monsoon months, 1972.
Indian J. mar. Sci., 3: 51-57.
- Goswami, S.C. & 1977 Plankton studies in the estuarine
Selvakumar, A., system of Goa. Prog. Symp. Warm
Water Zoopl. Spl. Publ. UNESCO/NIO:
226-241.

- Grindley, J.R., 1980 Estuarine plankton. In: Estuarine Ecology, (Ed.) Day, J.H. A.A. Balkema, Rotterdam, Cape Town: 117-146.
- Grindley, J.R. & T. Wooldrige, 1974 The plankton of Richards Bay. Hydrobiol. Bull., 8: 201-212.
- Hardin, G., 1960 The competitive exclusion principle. Science, 131: 1292-1297.
- Haridas, P., M. Madhupratap & T.S.S. Rao, 1973 Salinity, Temperature, Oxygen and zooplankton biomass of the backwaters from Cochin to Alleppey. Indian J. mar. Sci., 2: 94-102.
- Haridas, P., P. Gopala Menon & M. Madhupratap, 1980 Annual variations in zooplankton from a polluted coastal environment. Mahasagar - Bull. natn. Inst. Oceanogr., 13 (3): 239-248.
- Haridas, P. & T.S.S. Rao, 1981 Distribution of pelagic harpacticoid copepods from the Indian Ocean. Mahasagar - Bull. natn. Inst. Oceanogr., 14 (2): 151-154.
- Hayward, T.L., 1980 Spatial and temporal feeding patterns of North Pacific Central Gyre. Mar. Biol., 58: 295-309.
- Hedgepeth, J.W., 1957 Treatise on marine ecology and Palaeoecology. Vol.1, The Geological Society of America, Memoir, 67.
- Heinle, D.R. & D.A. Flener, 1975 Carbon requirements of a population of the estuarine Copepod Eurytemora affinis. Mar. Biol., 31: 235-247.
- Heinle, D.R., R.P. Harris, J.F. Ustach & D.A. Flener, 1977 Detritus as food for estuarine Copepods. Mar. Biol., 40: 341-353.
- Heinrich, A.K., 1962 The life histories of plankton animals and seasonal cycles of plankton communities in the Oceans. J. Cons. intern. Expl. Mer., 27: 15-24.

- Heip, C., 1974 A new index measuring evenness. J. mar. biol. Ass. U.K., 54: 555-557.
- Hiatt, R.W., 1944 Food chains and food cycle in the Hawaiian fish ponds. Part I. The food and feeding habits of mullet (Mugil cephalus), milk fish (Chanos chanos) and the ten pounder (Bloes machnata). Trans. Am. Fish. Soc., 74 (2): 250-261.
- Hulbert, E.M., 1977 Coexistence, equilibrium and nutrient sharing among phytoplankton species of the Gulf of Maine. Amer. Natur., 111: 967-980.
- Hutchinson, G.E., 1961 The paradox of plankton. Amer. Natur., 95: 137-145.
- 1965 The ecological theatre and evolutionary play. Yale University Press, New Haven.
- I.C.A.R., 1964 Final report on hydrobiological and faunistic survey of Godavari estuarine system. Dept. of Zool., Andhra University: 1-54.
- Jacob George, K.S. Purushan & M. Madhupratap, 1975 Distribution of planktonic ostracods along Southwest coast of India. Indian J. mar. Sci., 4: 201-202.
- Jeffries, H.P., 1962a Copepod indicator species in estuaries. Ecology, 43: 730-733.
- 1962b Salinity-Space distribution of estuarine copepod genus Eurytemora. Int. Rev. Hydrobiol., 47: 291-300.
- 1962c Succession of two Acartia species in estuaries. Limnol. Oceanogr., 7: 354-364.
- 1962d Environmental characteristics of Raritan Bay, a polluted estuary. Limnol. Oceanogr., 7: 21-31.

- Jeffries, H.P., 1964 Comparative studies on estuarine zooplankton. Limnol. Oceanogr., 9: 348-358.
- John, V., & K.M. Alexander, 1968 A preliminary report on the hydrobiology of Beypore river for the year 1964. Hydrobiologia, 31: 492-496.
- Joseph, P.S., 1974 Nutrient distribution in the Cochin harbour and in its vicinity. Indian J. mar. Sci., 3: 28-32.
- Karunakaran, V., 1982 Development pattern of the Kerala economy and its impact on the environment. Proc. Seminar on Development and Environment, Cochin: 1-9.
- Ketchum, B.H., 1951 The exchange of fresh and salt waters in tidal estuaries. J. mar. Res., 10: 18-38.
- _____., 1954 Relation between circulation and planktonic population in estuaries. Ecology, 35: 191-200.
- Khosla, A.N., 1951 Appraisal of water resources: Analysis and utilisation of data. Proc. U.N. Sci. Conf. Conser. Util. Resources: 4.
- Kinne, O., 1967 Physiology of estuarine organisms with special reference to salinity and temperature: General aspects. Estuaris, A.A.A.S. Publ. No. 83, Washington D.C.: 525-540.
- Konnur, R.G., M.S. Kusuma & B. Neelakantan, 1981 Plankton biomass in the Kali estuary, Karwar. Paper presented at the Seminar on Estuaries - Their Physics, Chemistry, Biology, Geology and Engineering aspects, 7-11 Dec., 1981, NIO, Goa (Abstract).
- Krishnamoorthy, K., 1961 Daily variations in marine plankton from Porto Novo, S. India. J. zool. Soc. India, 13: 180-187.

- Krishnamoorthy, K. & V. Sunderraj, 1973 A survey of the environmental features in a section of the Vellar-Coleroon estuarine system, South India. Mar. Biol., 23: 229-237.
- Kurian, C.V., 1972 Ecology of benthos in a tropical estuary. Proc. Indian Natn. Sci. Acad., 38: 156-163.
- _____., 1977 Contributions to estuarine biology. Papers presented at the Third All Indian Symposium on Estuarine Biology, Cochin, Dept. of Marine Science, 1-1004.
- Lauff, G.H., 1967 Introduction. ^{ln:} Estuaries, A.A.A.S. Publ. No. 83, Washington D.C., v-vi.
- Lele, S.N. & P.B. Gao, 1935 Some common hydromedusae of the Bombay harbour. J. Univ. Bombay, 3 (5): 90-101.
- Mac Arthur, R.H., 1955 Fluctuations of animal populations and a measure of community stability. Ecology, 36: 533-536.
- _____., 1965 Patterns of species diversity. Biol. Rev., 40: 510-533.
- _____., 1969 Patterns of communities in the tropics. Biol. J. Linn. Soc., 1: 19-30.
- _____., 1972 Geophysical Ecology. Harper and Row, New York.
- Madhupratap, M., 1978 Studies on the ecology of zooplankton of Cochin backwaters. Mahasagar - Bull. natn. Inst. Oceanogr., 11 (1 & 2): 45-56.
- _____., 1979 Distribution, community structure and species succession of Copepods from Cochin backwaters. Indian J. mar. Sci., 8: 1-8.
- _____., 1980 Ecological relations of coexisting copepod species from Cochin backwaters. Mahasagar - Bull. natn. Inst. Oceanogr., 13: 45-52.

- Madhupratap, M., 1981 Cladocera in the estuarine and coastal waters of south west coast of India. Mahasagar - Bull. natn. Inst. Oceanogr., 14: 215-219.
- Madhupratap, M. & P. Haridas, 1975 Composition and variations in the abundance of zooplankton of the backwaters from Cochin to Alleppey. Indian J. mar. Sci., 4: 77-85.
- Madhupratap, M., T.S.S. Rao & P. Haridas, 1977 Secondary production in the Cochin Backwaters, a tropical monsoonal estuary. Proc. Symp. Warm Water Zool. Spl. Publ. UNESCO/NIO:515-519.
- Madhupratap, M., P. Venugopal & P. Haridas, 1979 Biochemical studies on some estuarine zooplankton species. Indian J. mar. Sci., 9: 155-158.
- Madhupratap, M., S.R.S. Nair, C.T. Achuthankutty & V.R. Nair, 1981 Major crustacean groups and total zooplankton diversity around Andaman-Nicobar Islands. Indian J. mar. Sci., 10: 266-269.
- Madhupratap, M., C.T. Achuthankutty, S.R.S. Nair & V.R. Nair, 1981 Zooplankton abundance in the Andaman Sea. Indian J. mar. Sci., 10: 258-261.
- Manikoth, S. & K.Y.M. Salih, 1974 Distribution characteristics of nutrients in the estuarine complex of Cochin. Indian J. mar. Sci., 4: 125-130.
- Margalef, R., 1968 Perspectives in Ecological Theory. The University of Chicago Press, 111 pp.
- Mathew, T. & N. Balakrishnan Nair, 1980 Phytoplankton of the Ashtamudy Estuary, Kerala. Indian J. mar. Sci., 9: 253-257.
- Menon, N.R., P. Venugopal & S.C. Goswami, 1971 Total biomass and faunistic composition of the zooplankton in the Cochin backwaters. J. mar. biol. Ass. India, 13: 220-225.

- Murthy, P.S.N., & M. Veerayya, 1972a Studies on the sediments of Vembanad Lake, Kerala State. Part I. Distribution of organic matter. Indian J. mar. Sci., 1: 45-51.
- Murthy, P.S.N., & M. Veerayya, 1972b Studies on the sediments of Vembanad Lake, Kerala State. Part II. Distribution of Phosphorous. Indian J. mar. Sci., 1: 106-115.
- Murugan, T., O. Divakaran, N. Balakrishnan Nair, & K.G. Padmanabhan, 1980 Distribution and seasonal variation of benthic fauna of the Veli lake, South west coast of India. Indian J. mar. Sci., 9 (3): 184-188.
- *Nair, K.K., 1951 Medusae of the Trivandrum coast. Part I. Systematics. Bull. Cent. Res. Inst. Univ. Trivandrum (Ser. C, Nat. Sci.), 2(1): 47-75.
- Nair, K.K.C. & D.J. Tranter, 1971 Zooplankton distribution along salinity gradient in the Cochin backwater before and after monsoon. J. mar. biol. Ass. India, 13: 203-210.
- Nair, V.R., 1971 Seasonal fluctuations of Chaetognaths in the Cochin backwater. J. mar. biol. Ass. India, 13: 226-233.
- _____ 1973 Breeding and growth of Chaetognaths in the Cochin backwaters. IOBC Handbook, 5: 87-96.
- Nair, V.R., G. Peter & V.T. Paulinose, 1977 Zooplankton studies in the Indian Ocean. I. From Bay of Bengal during Southwest monsoon period. Mahasagar - Bull. natn. Inst. Oceanogr., 10: 45-54.
- Nair, V.R., G. Peter & V.T. Paulinose, 1978 Zooplankton studies in the Indian Ocean. II. Mahasagar - Bull. natn. Inst. Oceanogr., 11: 35-43.

- Nair, V.R., 1981 Biomass and composition of zoo-
S.N. Gajbhiye, plankton in Auranga, Ambika
M. Jiyalalram & Purna and Mindola estuaries, of
B.N. Desai, South Gujarat. Indian J. mar. Sci., 10: 116-122.
- Nair, S.R.S., 1981 Zooplankton composition and
Vijayalakshmi R. Nair, diversity in western Bay of
C.T. Achuthankutty & Bengal. J. Plankton. Res.,
M. Madhupratap, 3 (4): 493-508.
- Natarajan, R., (Ed.) 1973 Recent researches in Estuarine
Biology. Proceedings of Symposium
on estuarine biology held at Annama-
lai University. Hindustan Pub-
lishing Corporation, New Delhi:
321 pp.
- Neale, I.M. & 1974 Studies on the ecology of zoo-
I.A.E. Bayly, plankton of four estuaries in
Victoria. Aust. J. mar. Freshwat.
Res., 25: 337-350.
- Odum, E.P., 1971 Estuarine Ecology. ^{In:} Fundamentals
of Ecology. W.B. Sanders Company:
352-362.
- Panikkar, N.K., 1951 Physiological aspects of adaptation
to estuarine conditions.
Proc. Indo-Pac. Fish. Council, 1950,
Sec. 3: 168-175.
- Panikkar, N.K. & 1937 The brackish water fauna of Madras.
R.G. Aiyar, Proc. Ind. Acad. Sci., 6: 284-337.
- Parulekar, A.H., 1973 Ecology of clam beds in Mandovi,
S.N. Divedi & Cumbarjua Canal and Zuari estuarine
V.K. Dhargalkar, system of Goa. Indian J. mar. Sci.,
2: 122-126.
- Parulekar, A.H., 1980 Benthic studies in Goa estuaries.
V.K. Dhargalkar & Part III. Annual cycle of macro-
S.Y.S. Singhal, faunal distribution, production
and trophic relations.
Indian J. mar. Sci., 9: 189-200.
- Patten, B.C. & 1975 Total ecosystem model for a cove
43 authors, in Lake Texoma. In: B.C. Patten
(Ed.). Systems analysis and simu-
lations in ecology, Vol. 3,
Academic Press, New York: 205-421.

- Patten, B.C. & E.P. Gilm, 1981 The cybernetic nature of Ecosystems. Amer. natur. 116: 886-895.
- Pillai, P.P., 1971 Studies on the estuarine copepods of India. J. mar. biol. Ass. India, 13: 162-172.
- Pillai, P.P. & M.A. Pillai, 1973 Tidal influence in the diel variations of zooplankton with special reference to Copepods in the Cochin backwaters. J. mar. biol. Ass. India, 15: 411-417.
- Pillai, P.P., S.Z. Qasim & A.K.K. Nair, 1973 Copepod component of zooplankton in a tropical estuary. Indian J. mar. Sci. 2: 38-46.
- Foulet, S.A., 1978 Comparison between five coexisting species of marine Copepods feeding on naturally occurring particular matter. Limnol. Oceanogr. 23: 1126-1143.
- Prichard, D.W., 1952a Salinity distribution and circulation in the Chesapeake Bay estuarine system. J. mar. Res. 11: 106-123.
- _____ 1952b Estuarine hydrography. Adv. Geophys. 1. Academic Press Inc., New York: 243-280.
- _____ 1954 A study of the salt balance in a coastal plain estuary. J. mar. Res. 13: 133-144.
- _____ 1956 The dynamic structure of a coastal plain estuary. J. mar. Res. 15: 33-42.
- _____ 1967a What is an estuary: Physical view point. Estuaries, A.A.A.S. Publ. No.83, Washington D.C. : 3-5.
- Purushan, K.S., T. Balachandran & M. Sakthivel, 1974 Zooplankton abundance off the Kerala coast during February and April, 1970. Mahasagar - Bull. natn. Inst. Oceanogr. 7: 165-175.

- Oasim, S.Z., 1970 Some problems related to the food chain in a tropical estuary. Marine Food Chains, Oliver and Boyd, Edinburgh: 45-51.
- Oasim, S.Z. & C.V.G. Reddy, 1967 The estimation of plant pigments of Cochin backwater during the monsoon months. Bull. mar. Sci., 17: 95-110.
- Oasim, S.Z., P.M.A. Bhattathiri & S.A.H. Abidi, 1968 Solar radiation and its penetration in a tropical estuary. J. exp. mar. Biol. Ecol., 2: 87-103.
- Oasim, S.Z. & C.K. Gopinathan, 1969 Tidal cycle and environmental features of Cochin backwater (A tropical estuary). Prog. Ind. Acad. Sci., 69: 336-348.
- Oasim, S.Z., S. Wellershaun, P.M.A. Bhattathiri & S.A.H. Abidi, 1969 Organic production in a tropical estuary. J. exp. mar. Biol. Ecol., 2: 87-103.
- Oasim, S.Z., P.M.A. Bhattathiri & V.P. Devassy, 1972 The influence of salinity on the rate of photosynthesis and abundance of some tropical zooplankton. Mar. Biol., 12: 200-206.
- Oasim, S.Z., S. Vijayaraghavan, K.J. Joseph & V.K. Balachandran, 1974 Contribution of microplankton and nanoplankton in the waters of a tropical estuary. Indian J. mar. Sci., 3: 146-149.
- Oasim, S.Z. & M. Madhupratap, 1979 Changing ecology of Cochin backwaters. In: Contributions to Marine Sciences dedicated to Dr. C.V. Kurian, University of Cochin: 137-142.
- Radhakrishna, K., V.P. Devassy, P.M.A. Bhattathiri & R.M.S. Bhargava, 1978a Primary productivity in the North-Eastern Arabian Sea. Indian J. mar. Sci., 7(2): 137-139.
- Radhakrishna, K., V.P. Devassy, R.M.S. Bhargava, & P.M.A. Bhattathiri, 1978b Primary production in the Northern Arabian Sea. Indian J. mar. Sci., 7: 271-275.

- Ramanirthan, C.P. & 1960 Hydrographical features of the
R. Jayaraman, continental shelf waters off
Cochin during the years 1958 and
1959. J. mar. biol. Ass. India,
2 (2): 199-207.
- Ramanirthan, C.P. & 1963 Some aspects of the hydrographical
R. Jayaraman, conditions of the backwaters
around Willington Island (Cochin).
J. mar. biol. Ass. India, 5:170-177.
- Ramanamorthy, V.D., 1965 Comparative hydrographical studies
K. Krishnamoorthy & of the nearshore and estuarine
R. Seshadri, waters, Porto Novo, S. India.
J. Annamalai Univ., 26: 154-164.
- Rangarajan, K., 1959 Light penetration in the inshore
waters of Porto Novo. Proc. Ind.
Acad. Sci., 49: 271-279.
- _____ 1973 Siphonophores obtained during the
cruises of R.V. Varuna from the
west coast of India and the
Laccadive Sea. J. mar. biol. Ass.
India, 15: 125-159.
- Rao, K.K., 1974 Ecology of Mandovi and Zuari
estuaries, Goa: Distribution of
foraminifera assemblages.
Indian J. mar. Sci., 3: 61-66.
- Rao, K.L., 1975 India's water health.
Orient Longman Limited,
New Delhi, 1-267.
- Rao, T.S.S., 1977 Salinity and distribution of
brackish water zooplankton in
Indian estuaries. Proc. Symp.
Warm Water Zoonl. Spl. Publ.
UNESCO/NIO: 196-204.
- Rao, T.S.S., 1975 Distribution of zooplankton in
M. Nadupratap & space and time in a tropical
P. Haridas, estuary. Paper presented at the
Symposium on Estuarine Biology,
Ernakulam, 4-6, February, 1975.
- Raymond, J.E.G. & 1958 Quantitative studies on the zoo-
B.G.A. Carrie, plankton of Southampton water.
Ann. Rep. Challenger Soc., 3, x.

- Raymond, J.E.G., 1969 Studies on marine zooplankton. IV. Investigations on Meganycetiphanes norvegica (M. Sars). Deep Sea Res., 16: 141-156.
- Reddy, C.V.G. & 1972 Phosphate regenerative activity in the muds of a tropical estuary. Indian J. mar. Sci., 1: 57-60.
- Remani, K.N., 1980a Sediments of Cochin backwaters in relation to pollution. Indian J. mar. Sci., 9: 111-114.
- P. Venugopal,
K. Saraladevi &
R.V. Unnithan,
- Remani, K.N., 1980b Retting of coconut husk as a source of organic pollution in the Cochin backwaters. (Abstract). Seminar on human environment, BARC, Bombay.
- P. Venugopal,
K. Saraladevi &
R.V. Unnithan,
- Remani, K.N., 1981 Sediments of a retting yard. Indian J. mar. Sci., 10: 41-44.
- P. Venugopal,
K. Saraladevi &
R.V. Unnithan,
- Ricklefs, R.E., 1973 Ecology; Nelson, London, 861 pp.
- Rieper, M., 1978 Bacteria as food for marine harpacticoid copepods. Mar. biol., 45: 337-345.
- Rochford, D.J., 1951 Studies in Australian estuarine hydrology. 1. Introduction and comparative features. Aust. J. mar. Freshwat. Res., 2: 1-116.
- Root, R.B., 1967 The nich exploitation pattern of the blue grey gnatcatcher. Ecol. Monogr., 37: 317-350.
- Rusterholz, K.A., 1981 Competition and structure of an avian foraging guild. Amer. Natur., 118: 173-190.
- Sakthivel, M. & 1974 Synchronisation in the occurrence of Trichodesmium blooms and swarming of Crescis acicula Rang (Pteropoda) and Penilia avirostris Dana (Cladocera) in the area off Cochin. Mahasagar - Bull. natn. Inst. Oceanogr. 7 (1+2), 61-67.
- P. Haridas,

- Sale, P.F., 1977 Maintenance of high diversity in coral reef communities. Amer. Natur., 111: 337-359.
- Sanders, H.L., 1969 Benthic marine diversity and stability - Time hypothesis. Diversity and stability in ecological system, Brookhaven Symposia in Biology: 71-81.
- Sankaranarayanan, V.N., & S.Z. Qasim, 1969 Nutrients of the Cochin backwater in relation to environmental characteristics. Mar. biol., 2: 236-245.
- Santhakumari, V. & M. Vannucci, 1971 Monsoonal fluctuations in the distribution of hydromedusae in the Cochin backwaters, 1968-69. J. mar. biol. Ass. India, 13: 211-219.
- Saraladevi, K., P. Venugopal, K.N. Remani, S. Lalitha & R.V. Unnithan, 1979 Hydrographic features and water quality of Cochin backwaters in relation to industrial pollution. Indian J. mar. Sci., 8: 141-145.
- Sarkar, S.K. & A. Choudhury, 1981 Seasonal variations of zooplankton in a tidal creek (Mooriganga) of Hoogly estuary, Sagar island, Sundarbans, India. Seminar on Estuaries - Their Physics, Chemistry, Biology, Geology and Engineering aspects, NIO, Goa, 7-11 December, 1981. (Abstract).
- Selvakumar, R.A., 1970 Cladoceran swarms in relation to mackerel fishery along the west coast of India. Curr. Sci., 39: 481-482.
- Selvakumar, R.A., V.R. Nair & M. Madhupratap, 1980 Seasonal variations in secondary production of the Mandovi-Zuari estuarine system of Goa. Indian J. mar. Sci., 9: 7-9.
- Seshaiya, R.V., 1959 Some aspects of estuarine hydrology and biology. Curr. Sci., 28: 54.
- Sewell, R.B.S., 1924 Fauna of the Chilka Lake, Crustacea, Copepoda. Mem. Indian Mus., 5: 771-851.

- Shynamma, C.S. & K.P. Balakrishnan, 1973 Diurnal variations of some physico-chemical factors in the Cochin backwaters during South-west monsoon. J. mar. biol. Ass. India, 15: 391-398.
- Singhal, S.Y.S., 1973 Diurnal variations of some physico-chemical factors in the Zuari estuary of Goa. Indian J. mar. Sci., 2: 90-93.
- Slobodkin, L.B., 1961 Growth and regulation of animal populations. Holt, Rinehart & Winston, New York: 184 pp.
- Smith, O.L., H.H. Shugart, R.V. O'Neill, R.S. Booth & D.C. Mc Naught, 1975 Resource competition and an analytical model of zooplankton feeding in phytoplankton. Amer. Natur., 109: 571-591.
- Sreenivasan, M., 1971 Biology of chaetognaths of the estuarine waters of India. J. mar. biol. Ass. India, 13: 173-181.
- Subbaraju, R.C. & K. Krishnamoorthy, 1972 Ecological aspects of plankton production. Mar. Biol., 14: 25-31.
- Sundararaj, V. & K. Krishnamoorthy, 1981 The plankton potential of the mudflat and mangrove environments of Porto Novo. Seminar on Estuaries - their physics, chemistry, biology, geology and engineering aspects, 7-11 December, NIO, Goa. (Abstract).
- Suryanarayana Rao, S.V., & P.C. George, 1959 Hydrology of Korapuzha estuary, Malabar, Kerala State. J. mar. biol. Ass. India, 1 (2): 212-223.
- Taw, N. & D.A. Ritz, 1978 Zooplankton distribution in relation to hydrology of the Derwent River estuary. Aust. J. mar. Freshwat. Res., 29: 763-775.
- Tranter, D.J. & S. Abraham, 1971 Coexistence of species of Acartiidae (Copepoda) in the Cochin backwaters, a monsoonal estuarine lagoon. Mar. Biol., 11: 222-241.

- Unnithan, R.V.,
M. Vijayan &
K.N. Renani, 1975 Organic pollution in Cochin
backwaters. Indian J. mar. Sci.,
4: 39-42.
- Vannucci, M.,
V. Santhalamari &
E.P. Dos Santos, 1970 The ecology of hydromedusae from
Cochin area. Mar. Biol., 7:
49-58.
- Varkey John, 1971 Hydrobiological studies on the
freshwater conservatories of Kerala
with special reference to physiology
of certain specific groups.
Ph.D. Thesis, University of Kerala,
186 pp.
- Varma, K.K.,
L.V.G. Rao &
T. Cheriyan, 1975 Temporal and spatial variations in
hydrographic conditions of Mandovi
estuary. Indian J. mar. Sci.,
4: 11-17.
- Veerayya, M. &
P.S.N. Murthy, 1974 Studies in the sediments of Vembanad
Lake, Kerala State. Part III. Distri-
bution and interpretation of bottom
sediments. Indian J. mar. Sci.,
3: 16-27.
- Venugopal, P.,
P. Haridas,
M. Madhupratap &
T.S.S. Rao, 1979 Incidence of Red water along South
Kerala coast. Indian J. mar. Sci.,
8: 94-97.
- Venugopal, P.,
K. Saraladevi,
K.N. Renani &
R.V. Unnithan 1980 Trace metal levels in the sediments
of Cochin backwaters. (Abstract).
Seminar on Human Environment,
BARC, Bombay.
- Wellershaus, S., 1969 On the taxonomy of planktonic
Copepoda in the Cochin backwater
(A South Indian estuary).
Veroff. Inst. Meeresforsch. Bremerh.,
11: 245-286.
- _____ 1970 On the taxonomy of some Copepoda
in Cochin backwater (A South Indian
estuary). Veroff. Inst. Meeresforsch.
Bremerh., 12: 463-490.

- Weilershaus, S., 1974 Seasonal changes in the zoo-
plankton population in the
Cochin backwater (A South Indian
estuary). Hydrobiol. Bull.,
9: 213-223.
- Wickstead, J.H., 1963 The Cladocera of the Zanzibar
area of the Indian Ocean, with
a note on the comparative catches
of two plankton nets. E. Afr.
agric. For. J., 29: 164-172.

* Not referred to in original.

.....