

## 6 BIBLIOGRAPHY

---

1. Achuthankutty, C. T., Stirling, A. N. N., Nair, S., Bharathi, P. A., & Menezes, M. R. (1978). Sandy Beach at Baina, Goa: Its Ecology & Production. *Indian Journal Marine Sciences*, 7, 23-29.
2. American Public Health Association, (1995). Standard methods for the examination of water and wastewater, pp 1-19, ISBN 0-87553-235-7
3. Ansari, Z. A., Harkantra, S. N., Nair, S. A., & Parulekar, A. H. (1977). Benthos of the Bay of Bengal: A preliminary account. *Mahasagar*, 10(1-2), 55-60.
4. Appukuttan, K. K. (1996). Marine molluscs and their conservation. Central Marine Fisheries Research Institute, Cochin.
5. Babu, A., Kesavan, K., Annadurai, D., & Rajagopal, S. (2010). Abundance and diversity of by-catch molluscs from Cuddalore coast. *Marine Biodiversity Records*, 3, 1-5.
6. Benedetti-Cecchi, L. (2001). Variability in abundance of algae and invertebrates at different spatial scales on rocky sea shores. *Marine Ecology Progress Series*, 215, 79-92.
7. Bhadja, P. (2010). *Marine wealth of Saurashtra Coast: Spatial and Temporal variations in the seawater Quality and its role in intertidal assemblage and macrofaunal diversity around anthropogenically influenced shores* (Doctoral dissertation, Saurashtra University).

8. Bhadja, P., & Kundu, R. (2012). Status of the seawater quality at few industrially important coasts of Gujarat (India) off Arabian Sea. *Indian Journal of Geo-Marine Sciences*, 41(1), 90-97.
9. Bisby, F., Roskov, Y., Culham, A., Orrell, T., Nicolson, D., Paglinawan, L., Bailly, N., Kirk P., Bourgoin, T., Baillargeon, G., Hernandez, F. (2012). Species 2000 & IT IS Catalogue of Life, Species 2000: Reading, UK. (Digital resource) Retrieved from [www.catalogueoflife.org/col/](http://www.catalogueoflife.org/col/)
10. Boero, F., & Fresi, E. (1986). Zonation and evolution of a rocky bottom hydroid community. *Marine Ecology*, 7(2), 123-150.
11. Boyd, R. W., Watson, A. J., Law, C. S., & Abraham, E. R. (2000). A mesoscale phytoplankton bloom in the polar Southern Ocean stimulated by iron fertilization. *Nature*, 407(6805), 695-702.
12. Branch, G. M. (1976). Interspecific competition experienced by South African Patella species. *The Journal of Animal Ecology*, 507-529.
13. Britton, G. (1995). Structure and properties of carotenoids in relation to function. *The FASEB Journal*, 9(15), 1551-1558.
14. Brown, A. C., & McLachlan, A. (1990). Ecology of sandy shores (328 pp.).
15. Burkett, V., & Kusler, J. (2000). Climate Change: Potential Impacts and Interactions in Wetlands of the United States. *JAWRA Journal of the American Water Resources Association*, 36(2), 313-320.

16. Castell, L. L., & Sweatman, H. P. A. (1997). Predator-prey interactions among some intertidal gastropods on the Great Barrier Reef. *Journal of Zoology*, 241(1), 145-159.
17. Culotta, E. (1994). Is marine biodiversity at risk? *Science*, 263(5149), 918-921.
18. Daka, E. R., & Hawkins, S. J. (2006). Interactive effects of copper, cadmium and lead on zinc accumulation in the gastropod mollusc *Littorina saxatilis*. *Water, Air, & Soil Pollution*, 171(1-4), 19-28.
19. Damodaran, R. (1973). *Studies on the benthos of the mud banks of the Kerala coast* (Doctoral dissertation, Cochin University of Science and Technology).
20. Danielson, B. J. (1991). Communities in a landscape: the influence of habitat heterogeneity on the interactions between species. *The American Naturalist*, 138(5), 1105-1120.
21. Tagliapietra, D., & Sigovini, M. (2010). Benthic fauna: collection and identification of macrobenthic invertebrates. *Terre et Environnement*, 88, 253-261.
22. Desai, A. Y. (1987). *Ecological studies on the two intertidal hermit crabs, Clibanarius zebra (Dana) and Clibanarius nathi (Chopra and Das) from Veraval, West Coast of India* (Doctoral dissertation, Ph. D. Thesis, Saurashtra University, Rajkot, India)..
23. Divakaran, O., Murugan, T., & Nair, N. B. (1981). Distribution and seasonal variation of the benthic fauna of Vizhinjam inshore water, south-west coast of India. *Mahasagar*, 14(3), 193-198.

24. Apte, D. (1988). The Book of Indian Shells. BNHS, Oxford University press, Waston Street, Oxford.
25. Dubinsky, Z. (1990). Coral reefs. Amsterdam, Elsevier.
26. EMECS (2007). Water quality standards for coastal water bodies. International Centre for the Environmental Management of Enclosed Coastal Seas.
27. Fell, B. (1975). Introduction to marine biology, Harper & Row (New York).
28. Ganapati, P. N., & Lakshmana Rao, M. V. (1959). Preliminary observations on the bottom fauna of the continental shelf of the north-east coast of India. In *Proc of the First All-India Congress of Zoology, Part* (Vol. 3, pp. 8-13).
29. Gaston, K. J & Spicer, J.I (2004). Biodiversity: an introduction, 2<sup>nd</sup> Edition. Blackwell.
30. Giere, O. (1993). Meiobenthology, Springer-Verlag, Berlin Heidelberg, pp: 328.
31. Gohel, R. S. (2016). *Ecological assessment of intertidal zone of saurashtra coast with special reference to molluscan diversity.* (Doctoral dissertation, Ph. D. Thesis, The Maharaja Sayajirao university of Baroda, Vadodara Dodiya).
32. Gray, J. S., McIntyre, A. D., & Stirn, J. (1992). *Manual of Methods in Aquatic Environment Research: Part 11. Biological Assessment of Marine Pollution with Particular Reference to Benthos* (No. 324). Food & Agriculture Org.
33. Gray, J. S. (1997). Marine biodiversity: patterns, threats and conservation needs. *Biodiversity & Conservation*, 6(1), 153-175.

34. Groombridge, B. (1992). *Global biodiversity: status of the earth's living resources*. Chapman & Hall.
35. Harkantra, S. N., Nair, A., Ansari, Z. A., & Parulekar, A. H. (1980). Benthos of the shelf region along the west coast of India. *Indian Journal of Marine Sciences*, 9, 106–110.
36. Harkantra, S. N., Rodrigues, C. L., & Parulekar, A. H. (1982). Macrofauna of the shelf off North Eastern Bay of Bengal. *Indian Journal of Marine Sciences*, 11, 115–121.
37. Heywood, V. H. & Watson R. T. (1996). Human influence on biodiversity. In *Global biodiversity assessment*. Cambridge University Press, Cambridge. pp. 771–821.
38. The Europe's environment: third assessment. (2003, 12 May). Retrieved from [http://reports.eea.europa.eu/environmental\\_assessment\\_report\\_2003\\_10/en/](http://reports.eea.europa.eu/environmental_assessment_report_2003_10/en/)
39. Marine problems: Pollution. (2017). Retrieved from [http://wwf.panda.org/about\\_our\\_earth/blue\\_planet/problems/climate\\_change/](http://wwf.panda.org/about_our_earth/blue_planet/problems/climate_change/)
40. Marine problems: Pollution. (2017). Retrieved from [http://wwf.panda.org/about\\_our\\_earth/blue\\_planet/problems/pollution/](http://wwf.panda.org/about_our_earth/blue_planet/problems/pollution/)
41. Gastropod. (2016, August 14) Retrieved from <https://www.britannica.com/animal/gastropod>

42. Gastropod. (2016, August 14) Retrieved from  
<https://www.britannica.com/animal/gastropod/Importance-to-humans>
43. Hunt, B., & Vincent, A. C. (2006). Scale and sustainability of marine bioprospecting for pharmaceuticals. *AMBIO: A Journal of the Human Environment*, 35(2), 57-64.
44. Huston, M. A., & Huston, M. A. (1994). *Biological diversity: the coexistence of species*. Cambridge University Press.
45. Pilcher N. & Saad M. (2006). Status of leatherback turtles in Yemen. Indian Ocean – South-East Asian Leatherback Turtle Assessment (IOSEA).
46. Watson, R. T., Moss, M. C., & RH Dokken, D. J. (1997). *The regional impacts of climate change: an assessment of vulnerability. Summary for policymakers* (No. 363.738 R336). Intergovernmental Panel on Climate Change, Cambridge (RU).
47. Greig-Smith, P. (1983). Quantitative plant ecology. 3rd edn Blackwell Scientific Publications.
48. Jie, H., Zhinan, Z., Zishan, Y., & Widdows, J. (2001). Differences in the benthic–pelagic particle flux (biodeposition and sediment erosion) at intertidal sites with and without clam (*Ruditapes philippinarum*) cultivation in eastern China. *Journal of Experimental Marine Biology and Ecology*, 261(2), 245-261.
49. Joshi, K. (2010). *Spatial and temporal variations in population dynamics of few key rocky intertidal macrofauna at tourism influenced intertidal shoreline* (Doctoral dissertation, Saurashtra University, Rajkot, India).

50. Karleskint, G. (1998). Introduction to marine biology. Harcourt Brace & Company.
51. Kurian, C. V. (1953). A preliminary survey of the bottom fauna and bottom deposits of the Travancore coast within the 15-fathom line. In *Proceedings of the National Institute of Sciences of India* (Vol. 19, No. 6, pp. 746-775).
52. Kurian, C. V. (1971). Distribution of benthos on the southwest coast of India. *Fertility of the sea, I*, 225-239.
53. Kundu, S., Mondal, N., Lyla, P. S., & Khan, S. A. (2010). Biodiversity and seasonal variation of macro-benthic infaunal community in the inshore waters of Parangipettai Coast. *Environmental Monitoring and Assessment*, 163(1-4), 67-79.
54. Levinton, J. S., & Levinton, J. S. (1995). *Marine biology: function, biodiversity, ecology* (Vol. 420). New York: Oxford University Press.
55. Linse, K., Griffiths, H. J., Barnes, D. K., & Clarke, A. (2006). Biodiversity and biogeography of Antarctic and sub-Antarctic mollusca. *Deep Sea Research Part II: Topical Studies in Oceanography*, 53(8), 985-1008.
56. Little, C., & Kitching, J. A. (1996). *The biology of rocky shores*. Oxford University Press, USA.
57. Lloyd, R. (1992). *Pollution and freshwater fish*. Fishing News Books Ltd.
58. Malli, P. C. (1993). *Ecological studies on two turbinid gastropod [s] Turbo coronatus (Gmelin) and Turbo intercostalis (Manke) from Saurashtra, west coast*

*of India* (Doctoral dissertation, Ph. D. Thesis, Saurashtra University, Rajkot, India).

59. McLusky, D. S. (1971). Some effects of salinity on the mud-dwelling euryhaline amphipod *Corophium volutator*. *Vie Milieu*, 22, 135-143.
60. Menge, B. A., Daley, B. A., Lubchenco, J., Sanford, E., Dahlhoff, E., Halpin, P. M. ... & Burnaford, J. L. (1999). Top-down and bottom-up regulation of New Zealand rocky intertidal communities. *Ecological Monographs*, 69(3), 297-330.
61. Mettam, C. (1994). Intertidal zonation of animals and plants on rocky shores in the Bristol Channel and Severn Estuary—the northern shores. *Biological Journal of the Linnean Society*, 51(1-2), 123-147.
62. Menez, A., Fa, D. A., Sanchez Moyano, J. E., Garcia Asencio, I., Garcia Gomez, J. C., & Fa, F. (2003). The abundances and distributions of molluscs in the southern Iberian Peninsula: A comparison of marine and terrestrial systems. *Boletin. Instituto Espanol de Oceanografia*, 19(1-4), 75-92.
63. Newell, R.C. (1970), Biology of intertidal animals, New York, American Elsevier Pub. Co.
64. Misra, S. (2004). *Studies on the biodiversity and the impact of anthropogenic pressure on the ecology and biology of certain intertidal macrofauna* (Doctoral dissertation, Ph. D. Thesis, Saurashtra University, Rajkot).
65. Misra, R. (1968). Ecology Work Book Oxford and IBH Publishing Co. *Calcutta, India Google Scholar*.

66. Mitchell, M. K., Stapp, W. B., & Beebe, A. (1992). Field manual for water quality monitoring: an environmental education program for schools.
67. Mora, C., Tittensor, D. P., Adl, S., Simpson, A. G., & Worm, B. (2011). How many species are there on Earth and in the ocean? *PLoS biology*, 9(8), e1001127.
68. Morton, N. E., Miki, C., & Yee, S. (1968). Bioassay of population structure under isolation by distance. *American journal of human genetics*, 20(5), 411.
69. Murugan, T., Divakaran, O., Nair, N. B., & Padmanabhan, K. G. (1980). Distribution & Seasonal Variation of Benthic Fauna of the Veli Lake, Southwest Coast of India. *Indian Journal of Marine Sciences*, 9, 184-188.
70. Murphy, D. D., & Duffus, D. A. (1996). Conservation biology and marine biodiversity. *Conservation Biology*, 10(2), 311-312.
71. Naik, R. M., Murthy, M. S., Mansuri, A. P., Rao, Y. N., Pravez, R., Mundkur, T. & Krishna, T. S. V. R. (1991). Coastal Marine Ecosystems and Anthropogenic Pressure in the Gulf of Kachchh. *Final Report*.
72. Nayar, K. N., & Appukuttan, K. K. (1983). Turbo and Trochus resources. *CMFRI Bulletin*, 34, 81-84.
73. Newell, R. C. (1970). *Biology of intertidal animals*. London, pp .555.
74. Coastal and Marine Pollution" National Institute of Oceanography, Goa (2008).  
Retrieved from  
<http://saarcsmc.nic.in/pdf/workshops/goa/india/coastal%20and%20marine%20pollution.pdf>

75. Olsen S., Lowry & Tobey J. (1999). A Manual for Assessing Progress in Coastal Management. Coastal Resources Center Report No. 211. Narragansett University of Rhode Island.
76. Khushali, M. P. (2015). *Ecological assessment and distribution pattern of some anthozoans along the Saurashtra coast of Gujarat India*. (Doctoral dissertation, Ph. D. Thesis, The Maharaja Sayajirao university of Baroda, Vadodara Dodiya, India).
77. Parulekar, A. H., Harkantra, S. N., & Ansari, Z. A. (1982). Benthic production and assessment of demersal fishery resources of the Indian seas. *Indian Journal of Marine Sciences*, 11, 107-114.
78. Patel, A. N. (1984). *Ecological studies on two cerithiid gastropod [s], Cerithium caeruleum (Sowerby) and Clypeomorus monoliferus (Miener) from Saurashtra Coasts, India* (Doctoral dissertation, Ph. D. Thesis, Saurashtra University, India).
79. Paul, D. K., & Mukherjee, P. (2006). A preliminary study of physicochemical characteristics of a perennial fish pond. *Journal of Hematology and Ecotoxicology*, 1(1), 4-56.
80. Pillai, C. S. G., Rajagopalan, M. S., & Varghese, M. A. (1979). Preliminary report on a reconnaissance survey of the major coastal and marine ecosystems in Gulf of Kutch. *Marine Fisheries Information Service, Technical and Extension Series*, 14, 16-20.

81. Prabhu, V., & Reddy, M. P. M. (1987). Macrofauna and sediment distribution in relation to demersal fish catches off Baikampady-Suratkali, South Kanara coast. *Indian Journal of Marine sciences*, 16, 60-64.
82. Prasad, M. N. (1984). *Ecological studies on two limpets Cellana radiata (Born) and Siphonaria siphonaria (Sowerby) from Saurashtra coast, India* (Doctoral dissertation, Ph. D. Thesis, Saurashtra University, Rajkot, India).
83. Radhakrishna Y. & Ganapati P. N. (1969). Fauna of the Kakinada bay. *Bulletin of the National Institute of Sciences of India*, 38, 49–79.
84. Raffaelli D., & Hawkins S. J. (1996). Intertidal Ecology. Chapman and Hall, Oxford.
85. Raut, D., Ganesh, T., Murty, N. V. S. S., & Raman, A. V. (2005). Macrofauna of Kakinada Bay in the Godavari delta, East coast of India: comparing decadal changes. *Estuarine, Coastal and Shelf Science*, 62(4), 609-620.
86. Ray, G. C. (1991). Coastal-zone biodiversity patterns. *Bioscience*, 41(7), 490-498.
87. Ray-Culp, M., Davis, M., & Stoner, A. W. (1999). Predation by xanthid crabs on early post-settlement gastropods: the role of prey size, prey density, and habitat complexity. *Journal of Experimental Marine Biology and Ecology*, 240(2), 303-321.
88. Reaka-Kudla, M. L., 1997: Global biodiversity of coral reefs: a comparison with rainforests. Biodiversity II: Understanding and Protecting Our Biological Resources, M. L. Reaka-Kudla, and D. E. Wilson, Eds., Joseph Henry Press, 551.

89. Reid G.K. (1967) Ecology of intertidal zones. Rand McNally and Company, Chicago, pp. 85
90. Schaefer, Milner B., (1969). Conservation of Biological Resources. Ocean Engineering and Management of the coastal Zone, Engineering Extension Service, University of California, Berkely, California.
91. Seshappa, G. (1953). Observations on the physical and biological features of the inshore sea bottom along the Malabar coast. In *Proc. Nat. Inst. Sci. India* (Vol. 19, No. 2, pp. 257-279).
92. Sheng, G. Y., and Shi, B. Z., 2008. Marine Ecology. Science Press, Beijing, 1-33.
93. Snelgrove, P. V. (1998). The biodiversity of macrofaunal organisms in marine sediments. *Biodiversity and Conservation*, 7(9), 1123-1132.
94. Sokolova, I. M., & Berger, V. J. (2000). Physiological variation related to shell colour polymorphism in White Sea Littorina saxatilis. *Journal of Experimental Marine Biology and Ecology*, 245(1), 1-23.
95. Sundaramanickam, A., Shivakumar, T., Kumaran, R., Ammaiappan, V. and Velappam, R., (2008). A comparative study of Phisico-chemical Investigation along Parangipettai and Cuddalore Coast. *Journal of Environmental Science and Technology*, 1(1), 1-10.
96. Tonapi, G. T. (1980). Fresh water animals of India; an Ecological approach.
97. Trivedy, R. K., & Goel, P. K. (1986). *Chemical and biological methods for water pollution studies*. Series in Methodology , Environmental publications, Karad.

98. Underwood, A. J., & Chapman, M. G. (1996). Scales of spatial patterns of distribution of intertidal invertebrates. *Oecologia*, 107(2), 212-224.
99. Underwood, A. J. (2000). Experimental ecology of rocky intertidal habitats: what are we learning? *Journal of Experimental Marine Biology and Ecology*, 250(1), 51-76.
100. Underwood, A. J. (1979). The ecology of intertidal gastropods. *Advances in marine biology*, 16, 111-210.
101. Underwood, A. J., & Chapman, M. G. (2000). Variation in abundances of intertidal populations: consequences of extremities of environment. *Hydrobiologia*, 426(1), 25-36.
102. Vadher, P., Gadhvi, I. R., Parekh, H., & Dabhi, J. Occurrence of marine molluscan along the Chorwad Coast, Gujarat-India. *Advances in Applied Science Research*, 2014, 5(5), 24-28.
103. Vaghela, A. (2010). *Spatial and temporal variations in population dynamics of few key rocky intertidal macrofauna at anthropogenically influenced intertidal shoreline* (Doctoral dissertation, Saurashtra University).
104. Varshney, P. K., Govindan, K., Gaikwad, U. D., & Desai, B. N. (1988). Macrobenthos off Versova (Bombay), west coast of India, in relation to environmental conditions. *Indian Journal of Marine Sciences*, 17, 222–227.
105. Venkataraman, K., Raghunathan, C., Raghuraman, R., & Sreeraj, C. R. (2012). Marine biodiversity in India. *Published by Director, Zoological Survey of India, Kolkata, 178pp.*

106. Sebens, K. P. (1991). Habitat structure and community dynamics in marine benthic systems. In *Habitat structure: The Physical Arrangement of Objects in Space*. (pp. 211-234). Springer Netherlands.
107. Joshi, D. (2016). Impact assessment of coral reef ecosystem with special reference to climate change (Doctoral dissertation, The MS University of Baroda).
108. Dave, C. S., Pandya, K. M., Parikh, K. V., & Mankodi, P. C. (2016). Distribution of Rhodactis cf. rhodostoma (Hemprich and Ehrenberg. Journal of the Marine Biological Association of India, 58(1), 106.
109. Mankodi, P. C. (2014). Temporal variation in Zoanthids abundance at Veraval Coast, Gujarat. LIFE SCIENCES LEAFLETS, 53.
110. Pandya K. M., Sarma K. J., Parikh K. V. and Mankodi P. C.(2014). Occurrence of Zoanthid genus Isaurus from Saurashtra coast, Gujarat, India. European Journal of Zoological Research, 3 (2):1-5