

REFERENCES

References:

- Adoni, A. D., Joshi, D. G., Chourasia, S. K., Vaishya, A. K., Yadav, M. and Verma, H. G. 1985. A work book on limnology. Published by Department of Botany, Dr. Harisingh Gaur Vishwavidyalaya, Sagar, India.
- Andrew, D. and Pfiester, A., 1995. The effect of temperature, irradiance, and nitrogen on the encystment and growth of the freshwater dinoflagellates, *Peridinium cinctum* and *P. willei* in culture (Dinophyceae). J. Phycol., 31:355-359.
- Anonymous. 1982. Statistical atlas of Gujarat. Vol. 1 & 2. Bureau of Statistics and Economics. Government of Gujarat.
- Anonymous. 2000. State environmental action programme. Gujarat Ecological Commission, Vadodara.
- Anonymous. 2006. Handbook of aquaculture published by Indian Council of Agricultural Research (ICAR) Delhi.
- APHA. 1998. Standard Methods for the Examination of Water and Waste Water. 20th Edn. American Public Health Association, Washington D. C.
- Arvinda, H. B., Manjappa, S. and Puttaiah, E. T., 1995. Correlation coefficents of some physico-chemical parameters of river Thunga Bhadra. Karnataka. Poll Res., 17: 371-375.
- Banerjee, R. K. and Babulal., 1990. Role of soil and water in fish farming with special reffernce to primary production. In: Technologies for inland fisheries development. (Ed. Sagunan, V. V. and Utpal Bhaumik) Central Inland Capture Fisheries Research Institute: Barrackpore West Bengal. pp. 123-129.
- Bhandarkar, S.V. and Gaupale, D.T., 2008. Correlation Coefficient of physico-chemical properties with zooplankton population in Sagar lake Bhandara, Maharashtra. J. Curr. Sci., 17: 547-550.
- Boyd, C. E., 1995. Bottom soils, sediment, and pond aquaculture. Chapman and Hall publications, New York, 348 pp.
- Boyd, C. E. and Munsiri, P., 1996. Phosphorus adsorption capacity and availability of added phosphorus in soils from aquaculture areas in Thailand. J. World Aquacult. Soc., 27:160-167 pp.

- Boyd, C. E., Wood, C. W. and Thunjai, T., 2002. Aquaculture pond bottom soil quality management PD ACRSP, Oregon State University 41 pp.
- Cox, E. J., 1996. Identification of fresh water diatoms from live material. Chapman and Hall, 26 Boundary Row London.
- David, A. N., Rao, G. S. and Ray, P., 1974. Tank fishery resources of Karnataka. Bulletin, Central Inland Fisheries Research Institute, Barrackpore. 87p.
- Davis, C. 1955. The marine and fresh water plankton. Michigan State University Press, Chicago.
- Day, F. S., 1980. The fishes of India. William and Sons, London.
- Ehrlich, S1957. On the importance of raising nutriae in fish ponds. Bamidgeh, 9: 65–69.
- Freeman, M. C., Crawford, M. K., Barett, J. C., Facey, D. E., Flood, Hill., M. G., Stducer, D. J. and Grossman, G. D., 1988. Fish assemblage stability in a southern application stream (USA). Can. J. Fish Aqua. Sci., 45: 1949–1958.
- Fritch, F. E., 1944. The present day classification of algae. Bot. Rev, pp. 10.
- Ganpati, S. V. and Sreenivasan, A., 1970. Energy flow in natural aquatic ecosystem in India. Arch. Hydrobiol., 66: 458–498.
- Goel, P. K. and Chavan, V. R., 1991. Studies on the limnology of a polluted fresh water tank. Aquatic Sciences in India, 51 – 64 pp.
- Golterman, H. L., Clymo, R. S. and Ohnstad, M. A. M., 1978. Methods for physical and chemical analysis of fresh waters. Oxford: Blackwell Scientific, xvi, 213 p.
- Gowami, A. P., Parikh, A. N. and Mankodi, P. C., 2010. Taxonomic account of molluscan diversity from fresh water reservoirs around Rajkot city, Gujarat. J. Bionano frontier, 3 (In press).
- Gowami, A. P., Umrania, V. V. and Mankodi, P. C., 2008. Analysis of soil quality parameters in relation to ecological status of freshwater reservoir – Nyari – II, Rajkot, Gujarat. Presented at 49th Annual Inter National Symposium on microbial Biotechnology: Diversity, Genomics and Metagenomics. 18th to 20th Nov. New Delhi.

- Harikrishnan, K. and Aziz Abdul, P. K., 2000. Primary production studies in a fresh water temple tank in Kerala. Indian J. Environ and Eco-plan., 3: 127–130.
- Hayes, F. R., 1957. On variation in bottom fauna and fish yield in relation to trophic level and lake dimensions. J. Fish. Res. Bd. Canada, 14: 1–32.
- Henderson, H. F. and Welcome. R. L., 1974. The relationship of morpho-edaphic index and numbers of fishermen in African inland fisheries. CIFA Occasional Paper, Paper 1. FAO, Rome, Italy.
- Hickling , C. F., 1971. Fish culture. Faber and Faber, London, England, 295 pp.
- Hujare, M. S. and Mule, M. B., 2007. Studies on the primary productivity in two perennial tanks from Kolhapur district (Maharashtra) India. Indian J. Environ. & Ecoplan., 14: 683-690.
- Jackson, D. C. and Marmulla, G., 2001. The influence of dams on river fisheries, p. 1-44. In G. Marmulla (ed.) Dams, fish and fisheries, opportunities, challenges and conflict resolution. FAO Fish Tech. Pap No. 419, FAO Rome, Italy.
- Jackson, M. L., 1973. Soil chemical analysis. Prentice Hall of India Pvt. Ltd., New Delhi, 327 – 350 pp.
- Janjua, M. Y., Ahmad, T. and Gerdeau, D., 2008. Comparison of different predictive models for estimating fish yields in Shahpur Dam, Pakistan. Lake Reserv. Manage.,13: 319-324.
- Jhingran, A. G., 1988. Reservoir fisheries management in India. *Bulletin* 45, Central Inland Capture Fisheries Research Institute, Barrackpore, India, pp 68.
- Jhingran, A. G., 1990. Recent advances in the reservoir fisheries management in India. In Sena De Silva (Ed.), Reservoir fisheries of Asia, Proceedings of the 2nd Asian reservoir fisheries workshop held in Hangzhou Peoples Republic of China 15–19 Oct., 1990.
- Jhingran, V. G. and Sharma, B. K., 1978. Operational research project on aquaculture. Bull. Cent. Inl. Fish. Res. Inst., 27: 6.
- Jhingran.V. G., 1983. Fish and fisheries of India, Hindustan Publishing Co., Delhi.

- Kamble, V. S., Rao, K. R., Pawar, C. B. and Jawale, C. A., 2009. Study on molluscan diversity from fresh water reservoir at Chincholi near Sagola in Solapur district (MS), India J. Bionano Frontier Science day special issue 26th February, 87 – 88.
- Korai, A. L., Sahato, G. A., Lashari, K. H., Arbani, S. N., 2008. Biodiversity in relation to physicochemical properties of Keenjhar lake, Thatta District, Sindh, Pakistan. Turkish Journal of Fisheries and Aquatic Sciences 8:259-268.
- Kulkarni, S. D., Mokashe, S. S. and Patil, R. P., 1995. Diurnal changes in physico-chemical characteristics of Sadatpur reservoir. J. Aqua. Biol., 10: 21–23.
- Kumar, Ashok and Singh, N. K., 2006. Phytoplankonology of pond at Deoghar, India J. Haematol and Ecotoxicol., 1: 61–66.
- Kumar, R. and Kapoor K. 2006. Water quality monitoring in respect to physico-chemical characteristics of a tropical lake of Udaipur city of Rajasthan. Indian J. Environ. & Ecoplan., 12: 775-782.
- Kumar, R., A. V., Lingaiah, A., M. S. Satyanarayana Rao, Ravishankar, Piska, 2007. The studies on water quality parameters of a minor reservoir, Nadergul, Rangareddy district, Andhra Pradesh. J. Aqua. Biol., 22:.
- Lacky, J. B., 1938. The manipulation and counting of river plankton and change in some organisms due to formalin preservation. U. S. Public Health Reports, 53: 2080–2093.
- Leghari, S. M., Jafri, S. I. H., Mahar, M. A., Lashari, K. H., Ali, S. S., Khuhawar, M. Y. and Jahangir, T. M., 1999. Biodiversity of Chotiari reservoir, district Sanghar Sindh, Pakistan. In: Q.B. Kazmi and M.A. Kazmi (Eds.), Proceedings of the seminar on aquatic biodiversity of Pakistan. Sindh: 139-157.
- Lindsay, W. L. and Norvell, W. A., 1978. Development of a DTPA soil test for Zinc (Zn), Iron (Fe), Copper (Cu) and Manganese (Mn). Soil science society of American Journal, 42: 421–428.
- Lohar, P. S. and Borse, S. K., 2003. Diversity of fish fauna in river Teci Maharashtra, J. Aqua. Biol., 18: 47–49.

- Marshall, B. and Maes, M., 1994. Small water bodies and their fisheries in Southern Africa. CIFA Technical Paper No 29. FAO Rome, Italy.
- Mishra, G. P. and Yadav, A. K. 1978. A comparative study of physico-chemical characteristics of river and lake water in central India. *Hydrobiol.*, 59: 275–278.
- Mustapha, M. K., 2009. Limnological evaluation of the fisheries potentials and productivity of a small shallow tropical African reservoir. *Rev. Biol. Trop. (Int. J. Trop. Biol. ISSN-0034-7744)*, 57 (4): 1093-1106.
- Moyle, J. B., 1946. Some chemical factors influencing the distribution of aquatic plants in Minnesota. *Amer. Midi. NaH.*, 34: 402–426.
- Munawar, M. 1970. Limnological studies on freshwater ponds of Hyderabad, India. *Hydrobiologia*. 31: 101-128.
- Olsen, S. R., Cole, C. V., Watanable, J. S. and Dean, L. A., 1954. Estimation of available phosphorus in soil by extraction with sodium bicarbonate. USDA circular No. 939.
- Page, A. L., Miller, R. H. and Keeney, D. R., 1986. Methods of soil analysis. Part – II. Agronomy No. 9, Publication Amer. Soc. Agron. And Soil Sci. Amer. Wisconsin, USA.
- Pawar, S. K., Mane, A. M. and Pulle, J. S., 2006. The Fish fauna of Pethwadas dam taluka Kandhar in Nanded district, Maharashtra, India. *J. Aqua. Biol.*, 2: 55–58.
- Pillai, N. K., 1986. Introduction to planktonology. Himalaya Publishing House, Bombay.
- Piper, C. S., 1950. Soil and plant Analysis, Hans publication, Bombay.
- Qasim, S. Z. Wellers Show, S., Bhattathiri, P. M. A. and Abidi, S. M. A., 1969. Organic production in a tropical estuary, *Proc. Ind. Acad. Sci.*, 69: 51–94.
- Rao, N. V. S. 1989. Handbook of freshwater Molluscs of India. Zoological Survey of India, Calcutta.
- Rawson, D. S. 1952. Mean depth and the fish production of large lakes. *Ecology*, 33: 513–521.

- Rekhow, K. H., Robert, W. B., Thomas, B. S. and Uditwood, J., 1987. Empirical models of fish response to lake identification. *Can. J. Fish Aquat. Sci.*, 44: 1432–1442.
- Richards, L. A. 1954. Diagnosis and improvement of saline and alkali soils. Hand book No. 60, Oxford and IBH publication company, Calcutta – 16.
- Ryder, R. A. 1965. A method for estimating the potential fish production of North temperate lakes. *Trans. Am. Fish. Soc.*, 94: 214-218.
- Saadoun, I. Bataineh, E. and Al-Handal, A., 2008. Phytoplankton species composition and seasonal variation at Wadi Al-Arab Dam (Reservoir), Jordan. *Turk. J. Biol.*, 32: 291-298.
- Sarma, B. C. 1990. Status of reservoir fisheries of India. Keynote address. National Workshop on Reservoir Fisheries, 3 – 4 January, 1990. Central Inland Capture Fisheries Research Institute, Barrackpore, India.
- Sarwar, S. G. and Wazir, M. A., 1991. Physico-chemical characteristics of a fresh water pond of Srinagar (Kashmir). *Poll. Res.*, 10: 223–227.
- Sharma, K. P., Goel, P. K. and Gopal, B. 1978. Limnological studies of polluted freshwater: 1 physico-chemical characteristics. *Ind. J. Ecol. Environ. Sci.*, 4: 89–105.
- Srinivasan, 1967. Application of limnological and primary productivity studies in fish culture. *FAO Fish. Rp.*, 44: 101–113.
- Srivastava, U. K., Desai, D. K., Gupta, V. K., Rao, S. S., Gupta, G. S., Raghavachari, M. and Vatsala, S. 1985. Inland fish marketing in India. *Reservoir Fisheries*, Vol. 4 (A&B), Concept Publishing Co., New Delhi, pp (A) 403 & (B): 1184.
- Srivastava, C. B. L. 1999. A test book of fishery science and Indian fisheries. Kitab Mahal Agencies, Allahabad, 17–18 pp.
- Subbiah, B.V. and Asija, G. L., 1956. Available rapid procedure for the estimation of available nitrogen in soils. *Current Science* 25: 259–260.
- Sugunan, V. V. 1997a. Fisheries management of small waterbodies in seven countries in Africa, Asia and Latin America. FAO Fisheries Circular No.933. Rome, Italy.
- Sugunan, V. V. 1997b. Reservoir fisheries of India. Daya Publishing House, Delhi, 423 pp.

- Tamlurkar, H. L. and Ambhore, N. E., 2006. Correlation coefficents of some physico-chemical characteristics of Alisagar Dam water, district Nizamabad (A.P.) India. *J. Aqua. Biol.*, 21: 115–118.
- Walkley, A. and Black, I. A., 1935. An examination of methods for determination of organic carbon and nitrogen in soils. *Australian journal of agriculture research* 10: 340–352.
- Welch, P. S. 1952. Limnology. Mc. Graw. Hill Book. Co., New York. 538 pp.
- Wetzel, R. G. 1983. Limnology. Second edition Saunders college Publishing, USA. 767 pp.