

## REFERENCES



- Adayalkar, S. P. 2006. Monthly Averages of Temperature and Rain fall (1975-2005) Station-Dhadgaon. Stastical Department, Agricultural College, Dhule and Nandurbar district.
- Adebisi, A. A. 1981. The physicochemical hydrology of a tropical seasonal river. Upper Ogun River, *Hydrobiologia*, **79**: 157-165.
- Agarwal, N. K. and Thapliyal, 2005. Preimpoundment hydrological study of Bhilangana River from Tehri Dam reservoir area in Uttarakhand. *Environmental Geochemistry*, **8**: 143-148.
- Agrawal, D. M. and Kanchan, M. C. 2004. Studies on physico-chemical variation in Pani Ki Dharamshala reservoir Jhansi, India. *Eco. Env. And Cons.*, **10(3)**: 287-294.
- Ahmed, S. H. and Singh, A. K. 1993. Correlation between physicochemical factors and zooplankton during diurnal variations of freshwater tank at Dholi (Bihar). India. *J. Envi. Bio.*, **14**: 95-105.
- Alfred, M. B. 2002. Large freshwater lakes: present state, trends and future. *Environmental Conservation*, Cambridge University Press, **29(1)**:21-38.
- Ali, S., Chowdhury, A. N., Chowdhury, D. R. and Begum, S. 1989. Studies on seasonal variations of physicochemical and biological conditions in a pond. *Dhaka Univ. Study. Pt. E.*, **4(2)**: 113-123.
- Ali, S. and Ripley, S. D. 1983. *Handbook of the Birds of India and Pakistan* (Compact Edition), Oxford University Press Bombay. Bombay, India.
- Alimov, A. F. 2001. Studies on biodiversity in the plankton, benthos, and fish communities, and the ecosystems of fresh water bodies differing in productivity. *Biology Bulletin*, **28(1)**: 75-83.
- Alireza, S. 1995. Biological observation of rotifer in Parisan Lake, Fars, Iran. *Journal of Environmental Biology*, **16(4)**: 325-331.

- Allen, A. P., Whittier, T. R., Larsen, D. P., Kaufmann, P. R., O'Connor, R. J., Hughes, R. M., Stemberger, R. S., Dixit, S. S., Brinkhurst, R. O., Herlihy, A. T. and Paulsen S. G., 1999. Concordance of taxonomic composition patterns across multiple assemblages: effects of scale, size and land use. *Canadian Journal of Fisheries Aquatic Sciences*. **56**: 2029-2040.
- Andren, H. 1994. Effects of habitat fragmentation on birds and mammals in landscapes with different proportions of suitable habitat: a review. *Oikos*, **71**: 355-366.
- Andrew, M. Z. and Michael, J. J. 2009. The distribution of pond snail communities across a landscape: separating out the influence of spatial position from local habitat quality for ponds in south-east Northumberland, UK. *Hydrobiologia*, **632**: 177-187.
- Andrewartha, H. G. 1961. *Introduction to the study of animal populations*. University of Chicago Press, Chicago, IL, USA.
- Anitha, G., Chandrashekhar, S. V. A., and Kodarkar, M. S. 2005. Limnological studies on Mir Alam Lake, Hyderabad. *Pollution Research*, **24**(3): 681-687.
- Anjaneyulu, Y. and Narsimha Rao, P. 2004. *Introduction to Environmental Science*. B. S. Publications. Hyderabad, Andhra Pradesh.
- Ankney, D., Davison, C. and Scott Source, D. M. 1980. Changes in Nutrient Reserves and Diet of Breeding Brown-Headed Cowbirds. *The Auk*, **97** (4): 684-696.
- Anna, B. and Natalia Kuczynska-Kippen. 2009. Differentiated macrophyte types as a habitat for rotifers in small mid forest water bodies. *J. Biologia. Biomedical and life sciences*. 1100-1107.
- Anonymous, 2005a. Lake Jennie Meeker Country 2005. Water sampling report. In outdoor corps program Saint Paul, M. N. Univ. of Minnesota extension Service, 55108.

- Anonymous, 2005b. Lotus Lake watershed. Lotus Lake water quality and biological assessment Report No. LPL – 973-05. Wisconsin : Lotus Lake education and Riparian Survey Project LPL – 977-05.
- Anonymous, 1971. Final Act of the International Conference on the Conservation of Wetlands and Waterfowl. 30 January- 3 February, 1971. Ramsar, Iran.
- Antoine, C., Castella, E., Castella-Muller, J. and Lachavanne, J. B. 2004. Habitat requirements of fresh water gastropods assemblages in a lake fringe wetland (Lake Neuchated Switzerland). *Arch Hydrobiol.*, **159**: 377-94.
- APHA, 1998. Standard methods for the examination of water and wastewater 20<sup>th</sup> eds. American Public Health Association. American water works Association Water Environment Federation. Washington, D.C.
- APHA, American Public Health Association. 1985. Standard method for the examination of water and waste water. 14<sup>th</sup> Ed. APHA-AWWAWPCF. Washington, D.C. pp 1193.
- Arora, J. and Mehra, N. K. 2009. Seasonal dynamics of zooplankton in a shallow eutrophic, man-made hyposaline Lake in Delhi (India): role of environmental factors. *Hydrobiologia*, **626**(1): 27-40.
- Arunachalam, M. D. and Balkrishnan, N. N. 1982. Seasonal variation of zooplankton of the Veli Lake, South West Coast of India. *Arch. Hydrobiologia*, **93**: 359-374.
- Austin, G. T. and Tomoff, C. S. 1978. Relative abundance in bird populations. *Am. Nat.*, **112**: 695-699.
- Awasthi, U. and Tiwari, S. 2004. Seasonal trends in abiotic factors of a lentic habitat (Govindghar Lake) Rewa, M.P. *Indian Eco. Env. And Cons.*, **10** (2): 65-170.

- Ayoade, A. A., Agarwal, N. K. and Chandola-Saklani. A. 2009. Changes in physicochemical features and plankton of two regulated high altitude rivers of Garhwal Himalaya, India. *European J. Scientific Research*, **27**(1): 77-92.
- Bagde, V. S. and Verma, A. K. 1985. Physico-chemical characteristics of water of J. N. U. Lake at New Delhi. *Indian Journal of Ecology*, **12**: 251 – 256.
- Bancroft, G., Gawlik, D. and Rutcher, K. 2002. Distribution of wading birds relative to vegetation and water depths in the northern everglades of Florida, USA. *Waterbirds*, **25**(3): 265-277.
- Banerjee, S. M. 1967. Water quality and soil condition of fish ponds in some states of India in relation to fish production. *Ind. J. Fish*, **14**(1 & 2): 115-144.
- Baranyi, C., Hein, T., Holarek, C., Keckeis, S. and Schiemer, F. 2002. Zooplankton biomass and community structure in a Danube River Floodplain system: effects of hydrology. *Freshwater Biology*, **47**:473-482.
- Barlow, C. G. and Bock, D. K. 1984. Predation of fish in farm Dams by Cormorants, *Phalacrocorax spp.* Aust. *Wildl. Res.*, **11**: 559-566.
- Baruah, A., Sinha, A. K. and Sharma, U. P. 1993. Plankton variability of a tropical wetland, Kawar (Begusarai), Bihar. *J. Freshwater Biology*, **5**: 27-32.
- Battish, S. K. 1992. *Freshwater Zooplankton of India*. Oxford and IBH Publishing Co. Pvt. Ltd. New Delhi.
- Beaugrand, G. F. I. and Reid, P. C. 2000. Spatial, seasonal and long term fluctuations of plankton in relation to hydroclimatic features in the English channel. Celtic Sea and Bay of Biscay. *Marine Ecology Progress series*, **200**: 1813-1819.

- Beklioglu, M. and Moss, B. 1996. Mesocosm experiments on the interaction of sediment influence, fish predation and aquatic plants with the structure of phytoplankton and zooplankton communities. *Freshwater Biology*, **36**: 315-325.
- Belanger, L. and Couture, R. 1988. Use of Man-made ponds by Dabbling duck Broods. *J. Wild. Manag.*, **52** (4): 718-723.
- Benson-Evans, K., Antoine, R. and Antoine, S. 1999. *Aquatic conservation*. Pp 9-425.
- Berg, A. 1997. Diversity and abundance of birds in relation to forest fragmentation, habitat quality and heterogeneity. *Bird Study*, **44**: 355-366.
- Berzens, B. and Pejler, B. 1989. Rotifer occurrences and tropical degree. *Hydrobiologia*, **27**: 171-180.
- Bethke, R. W. and Nudds, T. 1993. Variation in the diversity of ducks along a gradient of environmental variability. *Oecologia*, **93**: 242-250.
- Beyst, B. D., Buysse, A., Dewicke and Mees, J. 2001. Surf zone hyperbenthos of Belgian sandy beaches: seasonal patterns. *Estuarine, Coastal and Shelf Science*, **53**: 877-895.
- Bhalla, R. 2006. *Limnological Studies of Godavari River at Nashik*. PhD thesis, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. (M.S.), India.
- Bharadwaja, Y. 1940. Some aspects of the study of myxophyceae. *Proceedings of the Twenty-Seventh Indian Science Congress*, Madras, p. 168.
- Bhowmic, M. L. and Utpal, S. 1994. Some observations on the productivity of fresh water pond. *Environ and Ecol.*, **12**(1): 56-60.

- Bhuiyan, J. R. and Gupta, S. 2007. A comparative hydrobiological study of a few ponds of Barak Valley, Assam and their role as sustainable water resources. *J. Environ. Biol.*, **28**(4): 799-802.
- Bhuiyan, A. S. and Nessa, Q. 1998. A quantitative study of zooplankton in relation to the physicochemical conditions of a freshwater fish pond of Rajshahi. *Univ. J. Zool. Rajshahi Univ.*, **17**: 29-37.
- Bhupathy, S. 1991. *Population and Resource Utilization of Waterfowl in Keoladeo National Park, Bharatpur*. Ph. D. thesis, Rajasthan University, Jaipur.
- BIS 1991. Indian Standard specification for drinking water, B. S. 10500.
- Blasco, D. 1978. Observations on the diurnal migration of marine dinoflagellates off Baja California Coast. *Mar. Biol.*, **46**: 41-47.
- Bock, C. E. 1997. The role of ornithology in conservation of the American West. *The Condor*, **99**(1): 1-6.
- Boere, G. C., Galbraith, C. A. and Stroud, D. A. (eds). 2006. *Waterbirds around the world*. The Stationery Office, Edinburgh, UK. 960 pp.
- Bold, H. C. 1973. *Morphology of plants*, 3<sup>rd</sup> edition, 668 pp. Harper and Row, New York.
- Bolduc, F. and Afton, A. 2003. Effects of structural marsh management and salinity on invertebrate prey of waterbirds in marsh ponds during winter on the Gulf Coast Chenier plain. *Wetlands*, **23**(4): 897-910.
- Bonecker, C. C. and Lansac-Toha, F. A. 1996. Community structure of rotifers in two environments of the upper River Parana floodplain (MS) – Brazil, *Hydrobiologia*, **325**: 137-150.
- Bowden, W. B. 1984. Nitrogen and Phosphorus in the sediments of a freshwater tidal marsh. *Eustaries*, **7**(2): 108-118.
- Bowden, W. B. 1987. The Biogeochemistry of Nitrogen in Freshwater Wetlands. *Biogeochemistry*, **4**(3): 313-348.

- Boycott, A. E. 1936. The habitats of the freshwater mollusca in Britain. *J. Animal Eco.*, 5: 116 – 186.
- Boyd, C. E. and Pillai, V. K. 1984. CMFRI Special Publication, No. 22, P.22.
- Boyer, T. and Polasky, S. 2004. Valuing urban wetlands: A review of Non-market Valuation Studies. *Wetlands*, 24 (4): 744-755.
- Brenninkmeijer, A., Mackcel, K., Eric, W. and Stienen, M. 1997. Sandwich Terns *Sterna sandvicensis* feeding on shell fractions. *IBIS*, 139: 397-399.
- Bronmark, C. 1985. Freshwater Snail Diversity: Effects of Pond Area, Habitat Heterogeneity and Isolation. *Oecologia*, 67 (1): 127-131.
- Brown, K. M. 1997. Temporal and spatial patterns of abundance in the gastropod assemblage of a macrophyte bed. *Anim. Malacol. Bull.*, 14: 27-33.
- Bruno, B. C., Sara, C., Antunes, R. P., Amadeu, M. V. M., Soares, P. and Fernando G. 2005. Rotifer community structure in three shallow lakes: Seasonal fluctuations and explanatory factors. *Hydrobiologia*, 543: 221-232.
- Burel, F and Baudry, J, 1995. Species biodiversity in changing agricultural landscapes: a case study in the Pays d' Auge, France. *Agriculture, Ecosystems and Environment*, 55: 193-200.
- Campbell, B. and Lack, E., 1985. *Dictionary of birds*. British Ornithological Union, T and AD Poyser Ltd.
- Carlander, K. D. 1955. The standing crop of fish in lakes. *J. Fish. Res. Canada*, 12: 543-570.
- Carlson, R. 2001. Species-area relationships, water chemistry and species turnover of freshwater snails on the Aland Islands, southwestern Finland. *J. Mollus. Stud.*, 67: 17 – 26.

- Carpenter, R. S. 2005. *Eutrophication of aquatic ecosystems: Bistability and soil phosphorus*, PNSA Early Edition. Pp 1-4.
- Carpenter, S. R. and Kitchell, J. E. 1993. *The trophic cascade in lakes*. Published by Cambridge University Press, New York.
- Carter, J. C. H., Dadswell, M. J., Roff, J. C. and Sprules, W. G. 1980. Distribution and zoogeography of planktonic crustaceans and dipterans in glaciated eastern North America. *Can. J. Zool.*, **58**: 1355-1387.
- Castri, Di. F., Robertson, V. J. and Younes, T. 1992. Inventorying and monitoring biodiversity, *Biology International Special issue No. 2* IUBS, Paris.
- Cengiz Koc, 2008. The effect of the environment and ecology projects on Lake management and water quality.
- Chabreck, R. H., 1979. Winter habitat of dabbling ducks physical, chemical and biological aspects. In: Bookout, T.A. (ed), Proceedings of 1977 Symposium The wildlife Society. Madison, WI.
- Chakrapani, B. K., Krishna, M. B. and Srinivasa, T. S. 1996. A report on the water quality, plankton and bird populations of the lakes in and around Bangalore and Maddur, Karnataka, India. Department of Ecology and Environment, Government of Karnataka.  
<http://wgbis.ces.iisc.ernet.in/energy/water/paper/Tr-115/ref.htm>.
- Chapman, M. A. 1972. Calamoeua Lucasi (Copepods : calanoida) and other zooplankters in two Rotorua, New Zealand, lakes. *International Revere dev gesamten Hydrobiologie*, **58**: 79-104.
- Chauhan, R. 1993. Seasonal fluctuations of zooplankton in Renuka Lake, Himachal Pradesh, Uttar Pradesh. *Journal Zoology*, **113**(1): 17-20.
- Christofferson, K., Riemann, B., Klysner, A. and Sondergaard, M. 1993. Potential role of fish predation and natural populations of zooplankton in structuring a plankton community in eutrophic lake water. *Limnology and Oceanography*, **38** : 561-573.

- Christou, E. D. 1998. Interannual variability of copepods in a Mediterranean coastal area (Saronikos Gulf, Aegean Sea). *Journal of Marine Systems*, **15**: 523-532.
- Chun Ye, Qiu Jin Xu, Hainan Kong, Zhemin Shen, and Changzhou Yan, 2007. Eutrophication conditions and ecological status in typical bays of Lake Taihu in China. *Environ. Monit. Asses.*, **135**: 217-225.
- Chun Ye, Qiu Jin Xu, Hainan Kong, Zhemin Shen, and Changzhou Yan, 2007. Eutrophication conditions and ecological status in typical bays of Lake Taihu in China. *Environ. Monit. Asses.*, **135**: 217-225.
- Claes, B., Heidrun, F., Daniela, B., Barbara, S. and Maarten, B. 2004. Differential impacts of copepods and cladocerans on lake seston, and resulting effects on zooplankton growth. *Hydrobiologia*, **526**: 197-207.
- Cleber, C. F. and Giani, A. 2001. Seasonal variation in the diversity and species richness of phytoplankton in a tropical eutrophic reservoir. *Hydrobiologia*, **445**: 165-174.
- Cody, M.L. 1985. *Habitat selection in birds*. Orlando, FL: Academic Press.
- DeGraaf, R. M., Tilghman, N. G., and Anderson, S. H. 1985. Foraging guilds of North American birds. *Environmental Management*, **9**: 493-536.
- Coker, R., F. 1954. *Streams Lakes and ponds*. The University of California, U.S.A.
- Collinson, N. H. 1995. Temporary and permanent ponds: an assessment of the effect of drying out on the conservation value of aquatic macroinvertebrate communities. *Biol. Conserv.*, **74**:125-133.
- Confer, J. L. 1971. Intrazooplankton predation by Mesocyclops edax at natural prey densities. *Limnol. Oceanogr.*, **16**: 663-666.
- Cottenie, K., Nuytten, N., Michels, E. and Meester, L. D. 2001. Zooplankton community structure and environmental conditions in a set of interconnected ponds. *Hydrobiol.*, **442** : 339-350.

- Cramp, S. and Simmons, K. E. L. 1977. *Handbook of the birds of Europe, the middle East and North Africa*. Volume I, London, Great Britan: Oxford University Press, London. As cited by Rahmani and Shobark, 1992. *loc.cit.*
- Dadhich, N., and Saxena, M. M. 1999. Zooplankton as indicators of trophic status of some desert waters Bikaner (N-W Rajasthan). *Journal Environment and Pollution*, **6**(4): 251-254.
- Dagmar, F., Enrique, M. and Andy, J. G. 2006. Species richness and distribution of copepods and cladocerans and their relation to hydroperiod and other environmental variables in Donana, south-west Spain. *Hydrobiologia*, **556**: 327-340.
- Danell, K., and Sjoberg, K. 1982. Seasonal and diet changes in the feeding behavior of some dabbling duck species on a breeding lake in northern Sweden. *Ornis Scand*, **13**: 129-134.
- Darby, P. C., Bennetts, R. E., Miller, S. J. and Percival, H. F. 2002. Movements of Florida Apple Snails in Relation to Water Levels and Drying Events. *Wetlands*, **22** (3): 489–498.
- Das, A. K. 2000. Limno-chemistry of some Andhra Pradesh reservoirs. *J. Inland. Fish Soc. India*, **32**: 37-44.
- Das, P. K., Michael, R. G., and Gupta, A. 1996. Zooplankton community in lake Tasek a tectonic lake in Garo Hills, India. *Tropical Ecology*, **37**(2): 257-263.
- Das, S. R., Patil, S. G. and Nandi, N. C. 2005. Zooplankton diversity of wetland ecosystems of Goa. *J. Environ. And Sociobiol.* **2** (1&2): 15-23.
- David, A. and Roy, P. 1966. Studies on the pollution of river Doha (N. Bihar) by sugar and distillery wastes. *Indian J. Environ.*, **8** (1): 6-36.
- David, and A. Savita. 1995. Drinking water and pregnancy outcome in central North Carolina; source, Amount and Trihalomethane level, *Environmental Health Prospective*, **103**: 6-12.

- David, F. and Linda, T. 2000. Wise use of wetlands under the Ramsar Convention: A challenge for meaningful implementation of International Law. *J. Environ. Law.*, **12**(1): 21-42.
- Davis, C. C. 1976. Simultaneous quantitative composition of planktonic crustacean in two New Found Land Boreal Lakes. *Int. Revue. Ges. Hydrobiol.*, **61**(6): 807-823.
- Dawson, D. G. 1981. Counting Birds for a relative Measure (index) of Density. In Ralph, C.J. and Scot, J. M. (eds). *Estimating the Numbers of Terrestrial Birds. Stud. Avian Biol.*, **6**: 12-16.
- De Meester, L., Declerck, S., Stoks, R., Louette, G., Van de Meutter, F., De Bie, T., Michels, E. and Brendonck, L. 2005. Ponds and pools as model systems in conservation biology, ecology and evolutionary biology. *Aquatic conservation: Marine and freshwater Ecosystems*, **15**: 715-725.
- De, A. K. 2002. *Environmental Chemistry*, 4<sup>th</sup> Edition, New Age International Publishers, New Delhi, 245-252.
- Desai, M. and Shanbhag, A. 2007. Birds breeding in unmanaged Monoculture plantation in Goa, India. *Indian Forester*, **133** (10): 1367-1372.
- Deshkar, S. L. 2008. *Avifaunal diversity and ecology of wetlands in semi arid zone of Central Gujarat with reference to their conservation and categorization*. Ph. D. Thesis submitted to the Maharaja Sayajirao University of Baroda, Vadodara, India.
- Desikachary, T. V. 1959. Cyanophyta. *ICAR Monographs on algae*. New Delhi, pp 686.
- Devetter, M. and Sed'a, J. 2003. Rotifer fecundity in relation to components of microbial food web in a eutrophic reservoir. *Hydrobiologia*, **504** : 167-175.

- Dillon, R. T. 2000. *The Ecology of Freshwater Molluscs*, Cambridge University Press. Cambridge.
- Dilwar, M. 2006. *Disappearing House Sparrows, Hornbill, April-June, 2006*. Published by BNHS, India.
- Dodson, S. I. and Frey, D. G. 2001. Cladocera and other Branchiopoda. In Thorp, J. H. and Covich, A. P. (eds), *Ecology and classification of North American Freshwater Invertebrates*, 2<sup>nd</sup> edn. Academic Press, San Diego, San Francisco. pp 849-913.
- Doherty, S., Cohen, M., Lane, C., Line, L. and Surdick, J. 2000. *Biological criteria for inland freshwater wetlands in Florida: A review of Technical and scientific literature (1990-1999)*. Report to the United States Environmental Protection Agency, Center for Wetlands, University of Florida, Gainesville, Florida, USA.
- Donald, D. B., Vinebrooke, R. D., Anderson R. S., Syrgiannis, J. and Graham, M. D. 2001. Recovery of zooplankton assemblages in mountain wetlands from the effects of introduced sport fish. *Canadian Journal Fisheries and Aquatic Sciences*, **58**: 1822 – 1830.
- Drake, C. M. 1998. English nature's contribution to the conservation of non-marine molluscs. *J. Conchol.* Special Publication, **2**: 113-124.
- Dumont, H. and Negrea, S. 2002. *Introduction to the class Branchiopoda*. Guides to the Identification of the Microonvertebrates of the Continental Waters of the World, Backhuys Publishers, The Netherlands.
- Duncan, P., Hoffman, L., Lambert, R. and Walmsley, J. G. 1982. Management of a day roost for wintering waterfowl, especially Teal *Anas crecca* and Gadwall *Anas strepera* in Camargue, France. In: Scott, D.A.(eds). *Managing Wetlands and Their Birds*. International Waterfowl and Wetlands Research Bureau. Slimbridge, England.

- Dunn, E. H. 1976. Development of endothermy and existence energy expenditure of nestling double crested cormorants. *The Condor*, **78**: 350-356.
- Durfor, C. N. and Becker, E. 1964. Public water supplies of the 100 largest cities in United States. *U. S. Geol. Survey Water Quality Paper*, **1812**: 1-364.
- Dussart, G. B. J. 1976. The ecology of freshwater molluscs in North West England in relation to water chemistry. *J. Mollu. Studies*, **12** : 181 – 198.
- Dutta Gupta, S., Gupta, S. and Gupta, A. 2004. Euglenoid blooms in the floodplain wetlands in Barak Valley. Assam, North Eastern India, *J. Environ. Biol.*, **25**: 369-373.
- Dwivedi, P. and Sonar, S. 2004a. Evaluation of physic-chemical characteristics of water sample in water Reservoir around Rono Hills, Doimukh (Dist. Papum Pare), Arunachal Pradesh. *Poll.Res.*, **23**(1): 101 – 104.
- Dwivedi, P. and Sonar, S. 2004b. Physicochemical and biological characteristics of water reservoirs around Rono Hills, Doimukh (Dist. Papum Pare), Arunachal Pradesh. *Poll. Res.*, **23**(3): 569-572.
- Edmondson, W. T. 1944. Ecological studies of sessile Rotatoria. Part 1. Factors affecting distribution. *Ecol.Monogr.*, **14**: 31-66.
- Edmondson, W. T. 1945. Ecological studies of sessile Rotatoria. Part II. Dynamics of populations and social structures. *Ecol.Monogr.*, **15**: 141-172.
- Edmondson, W. T. 1946. Factors in the dynamics of rotifer populations. *Ecol.Monogr.*, **16**: 357-372.
- Edmondson, W. T. 1959. *Freshwater biology*, 2<sup>nd</sup> edn. John Wiley and sons. New York, USA.

- Edmondson, W. T. 1960. Water quality management and Lake Eutrophication, the Lake Washington case, *In OECD Report*. Sept. 1970. Paris.
- Edmondson, W. T. 1963. *Freshwater biology*, 2<sup>nd</sup> edn. John Wiley and sons. New York, USA.
- Eeva, T. and Lehikoinen, E. 1995. Egg shell quality, clutch size and hatching success of the great tit (*Parus major*) and the pied flycatcher (*Ficedula hypoleuca*) in an air pollution gradient. *Oecologia*, **102**: 312-323.
- Eggermont, H., Russell, J. M., Schettler, G. 2007. Physical and chemical limnology of alpine Lakes and pools in the Rwenzori Mountains (Uganda – D R Congo). *Hydrobiologia*, **592**: 151 – 173.
- Etiam, A., Blaustein, L., Van Damme, K., Dumont, H. J. and Martens, K. 2004. Crustacean species richness in temporary pools: relationships with habitat traits. *Hydrobiologia*, **525**: 125-130.
- EPA, 1976. Quality criteria for water, Environmental Protection Agency, Indian Standards (IS: 10500 – 1991 with amendment No. 1 January 1993). Indian Standards Institute.
- Escribano, R. and Hidalgo, P. 2000. Spatial distribution of copepods in the North of the Humboldt current region off Chile during coastal upwelling. *Journal of the Marine Biological Association of the United Kingdom*, **80**: 283-290.
- Esler, D. 1992. Habitat use by piscivorous birds on a power plant cooling reservoir. *Journal of Field Ornithology*, **63**: 241-392.
- Fathi, A. A. and Flower, R. J. 2005. Water quality and phytoplankton communities in Lake Qarun (Egypt). *Aquat. Sci.*, **67**: 350-362.
- Fathi, A. A., Abdelzaher H. M., Flower, R. J., Ramdani, M. and Kraiem, M., 2001. Phytoplankton communities in North African wetland Lakes: the CASSARINA Project, *Aquatic Ecology*, **35**: 303-318.

- Fevre-Lehoerff, G. L., Ibanez, F., Poniz, P. and Fromentin, J. M. 1995. Hydroclimatic relationships with planktonic time series from 1975 to 1992 in the North Sea off Gravelines, France, *Marine Ecology Progress Series*, **129**: 269-281.
- Figuerola, J., Green, A. J. and Santamaria, L. 2003. Passive internal transport of aquatic organisms by waterfowl in Donana, south-west Spain. *Global ecology and Biogeography* **12**: 427-436.
- Forbes, M. G., Doyle, R. D., Thad, S. J., Stanley, J. K., Huang H. and Brooks, B. W. 2008. Physical factors control phytoplankton production and Nitrogen fixation in eight Texas reservoirs. *J. of Ecosystem*. **11**(7): 1181-1197.
- Forester, R. M. 1983. Relationship of two lacustrine Ostracod species to solute composition and salinity: Implications for paleohydrochemistry. *Geology*, **11**: 435-438.
- Forro, L., Korovchinsky, N. M., Kotov, A. A. and Petrusek, A. 2007. Global diversity of cladocerans (Cladocera; Crustacea) in freshwater. *Hydrobiologia*, **595**:105-124.
- Fowler, J. and Cohen, L. Statistics for ornithologists. Second edition, BTO Guide No. 22.
- Fritch, F. E. 1935. *The structure and production of the algae*. VPH Pvt. Ltd., Cambridge University Press. Cambridge.
- Fytianos, K., Siumka, A., Zachariadis, G. and Beltzias, S. 2002. Assessment of the quality characteristics of Pinios River, Greece. *Water, Air and Soil Pollution*, **136** : 317-329.
- Gad, M. Y. A. 1992. *Ecological studies on the algal flora of some aquatic ecosystems in EI-Fayoum district*. M. Sc. Thesis, Fac. Of Sci., Cairo Univ., Giza, Egypt. Pp 222. (Loc. Cit. Fathi, A. A. 2005.

- Gahotri, O. D., Chaturvedi, L. D. and Joshi, B. D. 1980. Ecological studies of sewage fed pond including seasonal fluctuations of its planktonic component. *5<sup>th</sup> All India Conference of Zoology Abstract L.*, 4: 152.
- Gaston, A. J. 1974. Methods for estimating bird populations. *J. Bombay Nat. Hist. Soc.*, 72(2): 271-283.
- Gaston, K. J. 1996. *A biology of numbers and difference*. Ed. Gaston, K. J. Blackwell Science Ltd., Oxford, London.
- Gee, J. H. R., Smith, B. D., Lee, K. M. and Griffiths, S.W. 1997. The ecological basis of freshwater pond management for biodiversity. *Aquatic conserve. Marine Freshwater Ecosys.*, 7: 91 – 104.
- Geoff, A. B. and Danielle, D. 2007. Global diversity of Copepods (Crustacea:Copepoda) in freshwater. *Hydrobiologia*. 595:145-164.
- George, M. G. 1961a. Diurnal variations in two shallow ponds in Delhi, India. *Hydrobiologia*, 18(3): 265-273.
- George, M. G. 1961b. Observation on the rotifers from shallow ponds in Delhi. *Curr. Sci.*, 30: 268-269.
- George, M. G. 1966. Comparative plankton ecology of five fish ponds in Delhi, India. *Hydrobiologia*, 27: 81-108.
- Gerald, L. M. and Linda, A. F. 1983. Intra- And Interspecific variations in calcium content of freshwater mollusca in relation to calcium content of the water *J. Mollus. Stud.*, 49:204 - 212.
- Gere, G. and Andrikovics, S. 1992. Effects of waterfowl on water quality. *Hydrobiologia*, 243/244: 445-448.
- Gibbs, J. P. 1993. The importance of small wetlands for the persistence of local populations of wetland-associated animals. *Wetlands*, 13: 25-31.
- Gibbs, R. J. 1970. Mechanisms controlling world water chemistry. *Science*, 170: 1088-1090.

- Girija, T. R., Mahanta, C. and Chandramouli, V. 2007. Water quality assessment of an untreated effluent impacted urban stream: The Bharalu tributary of Brahmaputra River, India. *Envi. Moni. Assessement.* doi : 10.1007/S.
- Giselle, V. T. and Bruce, R. F. 2007. Relationships among nitrogen and total phosphorus, algal biomass and zooplankton density in the central Amazonia lakes. *Hydrobiologia.*, **595**:177-195.
- Gittleman, J. L. and Harvey, P. H. 1982. Carnivore home range size, metabolic needs and ecology. *Behav. Ecol. Soc.*, **10**: 57-63.
- Goel, P. K., Gopal, B. and Trivedy, R. K. 1980. Impact of sewage on fresh water ecosystem.II. Physicochemical characteristics of water and their seasonal changes. *Int. J. Eco. Environ. Sci.*, **6**: 97-116.
- Goel, P. K. and Chavan, V. R. 1991. Studies on the limnology of a polluted fresh water tank. In B. Gopal, and V. Asthana (Eds), *Aquatic sciences in India*. Indian Association for Limnology and Oceanography. pp 51-64.
- Golden, S. S., Ishiura, M., Johnson, C. H. and Kondo, T. 1997. Cyanobacterial circadian rhythms. *Annu. Rev. Plant Physiol. Plant Mol. Biol.*, **48**: 327-354.
- Goldman, C. R. 1965. Primary productivity and limiting factors in the Lake of the Alaska Peninsula. *Ecol. Manogr.*, **30**: 207-230.
- Goldman, C. R. and Horne, A. J. 1983. *Limnology*, Mc.Graw Hill Book Co. London, PP 464.
- Golterman, H. L. 1975. *Physiological Limnology*. Elsevier Scientific Publishing Company Amsterdam, pp. 489.
- Gonzalves, E. A. and Joshi, D. B. 1946. Fresh water algae near Bombay I. The seasonal succession of the algae in the tank Bandra. *J. Bombay Nat. His. Society*, **46**: 154 – 176.

- Gopal, B. and Zutshi, D. P. 1998. Fifty years of hydrobiological research in India. *Hydrobiologia*, **384**: 267-290.
- Gorny, M. and Grum, L. 1981. Metody stosowane w zoologii gleby. Państwowe Wydawnictwo Naukowe, Warszawa. Loc. Cited. By Iga, L. and Adam, S.(2006).
- Goswami, M. M. and Goswami, N. 2001. Studies on productivity indicators in Mori beel of Assam. *Tropical Zoology*, **2 and 3**: 1-9.
- Goswami, C. S. and Selvakumar, R. A. 1977. Plankton studies in the Eustarine system. Geo Proc. Syarp. Warm water. *Zoopl. Spl. Publ. UNESCO*: 226-241.
- Govind, B. V. 1978. Planktological studies in the Tungbhadra reservoir and its comparison with other storage reservoirs in India. *Symp. Proc. Eco. Fish. Freshwater Reservoirs*, pp 72-92.
- Graphpad software, SanDiego, California U.S.A., [www.graphpad.com](http://www.graphpad.com).
- Green, J. 2003. Associations of planktonic and periphytic rotifers in a tropical swamp, the Okavango Delta, Southern Africa. *Hydrobiologia*, **490**: 197-209.
- Green, J., Corbet, S. A., Watts, E. and Lan, O. B. 1996. Comparative studies on Indonesian Lakes. In: Schiemer, F. and Boland, K. T. (eds), *Perspective in tropical Limnology*. Academic Publishing, Amsterdam: 101-111.
- Green, A.J. 1998. Comparative feeding behavior and niche organization in a Mediterranean duck community. *Can. J. Zool.*, **76**: 500-507.
- Griffith, H. I. and Holmes, J. A. 2000. Non marine ostracods and Quaternary paleoenvironments. Technical Guide No. 8. Quaternary Research Association, London 188.
- Grimmett, R., Inskip, C. and Inskip, T. 1998. *Birds of the Indian sub Continent*. Christopher Helm, London.

- Grimmett, R., Inskipp, C. and Inskipp, T. 2001. *Pocket Guide of the Birds of the Indian sub-continent*. Oxford University Press. Mumbai.
- Grossi, J. L., Chevanier, L., Delcros, P. and Brun, J. J. 1995. Effects of landscape structure on vegetation and some animal groups after agricultural abandonment. *Landscape and Urban Planning*, **31**: 291-301.
- Gulati, R. D. and Wurtz-Schuiz, 1980. Remarks on the present status of limnology in India based mainly on the Indian publications in hydrobiologia and suggestions for future approach. *Hydrobiologia*, **72**: 211-222.
- Gupta, S. D. 1976. Macrofauna of Loni reservoir. *J. Inland Fish. Soc. India*, **8**: 49 – 59.
- Gurumayum, S. D., Daimari, P., Goswami, B. S., Sakar, A. and Choudhuri, M. 2000. Physico-chemical qualities of water and plankton of selected rivers in Meghalaya. *J. Inland Fisheries Soc. of India*. **34**: 36-42.
- Gurung, A. B. (ed.). 2005. *GLOCHAMORE Global Change and Mountain Regions*. Research Strategy. Mountain Research Initiative, Bern.
- Hafsa, S. L. and Gupta, S. 2009. Phytoplankton diversity and dynamics of Chatla floodplain lake, Barak Valley, Assam, North East India- A seasonal study. *J. Environ. Biol.*, **30**(6): 1007-1012.
- Hampton, S. E. and Gilbert, J. J. 2001. Observations of insect predation on rotifers. *Hydrobiologia*, **446/447**: 115-121.
- Harikrishnan, K. and Azis, P. K. A. 1989. Ecology of the Neyyar reservoir a preliminary report. *Proceedings of Kerala Science Congress*. Cochin, pp 140-145.
- Harshey, D. K., Shrivastav, A. K. and Patil, S. G. 1987. Studies on ecology of freshwater ostracoda part II population ecology in Balsagar tank, Jabalpur M.P. India. *Journal Current Biosciences*, **4**(4): 127-134.

- Hart, R. and Newman, J. 1995. The importance of isolated wetlands to fish and wildlife in Florida. Project report for non game wild life program project NG88-102, Florida Game and Fresh Water Fish Commission, Tallahassee, FL.
- Hasle, G. R. 1954. More on phototactic diurnal migration in marine flagellates. *Nyt. Mag. Bot.*, 2: 139-46.
- Havens, K. E., Elia, A. C., Maria, I. T. and Rolland, S. F. 2009. Zooplankton-phytoplankton relationship in shallow subtropical versus temperate lakes Apopka (Florida, USA) and Trasimeno (Umbria, Italy). *Hydrobiologia*, **628**(1): 165-175.
- Heaney, S. L., Chapman, D. V. and Morison, H. R. 1983. The role of the cyst stage in the seasonal growth of the dinoflagellate *Ceratium hirudinella* within a small productive lake. *Br. Phycol.*, **18**: 47-59.
- Hedge and Sujata. 1997. Distribution of planktonic algae in three freshwater lentic habitats of Dharwad, *Phykos.*, **36**(1 and 2): 49-55.
- Hegde, G. R. and Huddar, B. D. 1995. Limnological studies of two fresh water lentic ecosystems of Hubli- Dharwad, Karnataka. In : Irfan A. Khan (eds), *Frontiers in Plant Science*, The book syndicate publ. Hyderabad, pp 35 – 43.
- Hem, J. D., Demayo, A. and Smith, R. A. 1990. Hydrochemistry of rivers and lakes. In Wolman, M. G. and H. C. Riggs (eds), *Surface water Hydrology, The Geology of North America*, vol-1. Geological Society of North America, Boulder, Colorado: 189-231.
- Hendrik, S. 2007. Freshwater Animal Diversity Assessment. Global diversity of rotifers (Rotifera) in freshwater. *Hydrobiologia*. **595**:245-256.
- Hensen, V. 1887. Ueber die Bestimmung des Planktons oder des in Meere trebenden Materials an Pflanzen und Thieren. *Ber. Kommn. Wiss. Unters. Dt. Meere*, **5**: 1-109.

- Hilden, O. 1965. Habitat selection in birds: a review. *Annals Zoologici Fennici*, **2**: 53-75.
- Hillbricht-Ilkowska, A. 1977. Trophic relations and energy flow in pelagic plankton. *Polish Ecological Studies*, **3**: 3-98.
- Holopainen, I. J. and Paasivirta, L. 1977. Abundance and biomass of the meiozoobenthos in the oligotrophic and mesohumic lake Paajarvi, southern Finland. *Ann. Zool. Fennici*, **14**: 124-134.
- Howick, G. I., and Wilhm, J. 1984. Zooplankton and benthic macroinvertebrates in Lake Carl Blackwell. *Proceedings of Okla Academy of Science*, **64**: 63-65.
- Huddar, B. D. 1995. *Hydrobiological studies in lentic fresh water bodies of Hubli*. Ph. D. thesis, Karnatak Univ. Dharwad.
- Hujare, M. S. 2005. *Hydrobiological studies of some water reservoirs of Hatkanangale Tahsil (Maharashtra)*. PhD thesis submitted to Shivaji University, Kolhapur, India.
- Hulyal, S. B. and Kaliwal, B. B. 2009. Dynamics of phytoplankton in relation to physico-chemical factors of Almatti reservoir of Bijapur District, Karnataka State. *Environ. Monit. Assess.*, **153**: 45-59.
- Hurlbert, S. H. 1971. The non-concept of species diversity: a critique and alternative parameters. *Ecology*, **52**: 577-586.
- Huston, M. A. 1994. *Biological Diversity. The coexistence of species on changing landscapes*. Cambridge University Press, Cambridge, UK.
- Hutchinson, G. E. 1957. *A Treatise on limnology* Vol. 1. Geography, physics, Chemistry, John Wiley and Sons. *Hydrobiologia*, **33**(1): 145-160.
- Hutchinson, G. E. 1967. *A treatise on limnology*, 2. Wiley and Sons, New York. 1115 pp.

- Iga, L. and Adam, S. 2006. Rare, threatened and alien species of the gastropod communities in the clay pit ponds in relation to environmental factors. *Biodiver. Conserv.*, **15**:3617-3635.
- Iqbal, S. A. and Kataria, H. C. 1995. Physico-chemical analysis and water quality assessment of upper Lake of Bhopal. *Indian J. Envi. Protection*, **7**: 1-15.
- Islam, A. M., Choudhary, S., Abdullah, H. and Zaman, M. 2001. Limnology of fish ponds in Rajashahi, Bangladesh. *Ecol. Environ. Conserv.*, **7**(1): 1-7.
- Istvanovics, V., Clement, A., Somlyody, L., Specziar, A., Toth, L. G. and Padisak, J. 2007. Updating water quality targets for shallow Lake Balton (Hungary), recovering from eutrophication. *Hydrobiologia*, **581**: 305-318.
- IUCN. 1990. Directory of Wetlands of International Importance, Ramsar convention Bureau, Gland Switzerland, PP 796.
- James, F. C. 1971. Ordination of habitat relationships among breeding birds. *Wilson Bulletin*, **82**: 215-236.
- Jana, B. B. 1998. State of the art of lakes in India: an overview. *Archiv fur Hydrobiologie Supplementbande* (Monographic studies). **121**: 1-89.
- Javed, S. and Kaul, R. 2002. *The Field Methods for Birds Surveys*. Bombay Natural History Society, Mumbai.
- Jawale, A. K. and Patil, S. A. 2009. Physico-chemical characteristics and phytoplankton abundance of Manglore Dam, Dist. Jalgaon, Maharashtra. *J. Aquat. Biol.*, **24**(1): 7-12.
- Jayachandran, K. V. and Joseph, N. I. 1988. Meteorological and hydrographical features of vellayani Lake, Kerela, India. *Int. Rev. ges. Hydrobiol.* **73**: 113-121.

- Jeppesen, E., Jensen, J. P., Sondergaard, M. and Lauridsen, T. L. 1999. Trophic dynamics in turbid and Clearwater lakes with special emphasis on the role of zooplankton for water clarity. *Hydrobiologia*, **408/409**:217-231.
- Jha, P. and Barat, S. 2003. Hydrobiological study of Lake Mirik in Darjeeling Himalayas. *J. Environ. Biol.*, **24**(3): 339-344.
- Jhajhria, A. 2003. Prospectus of aquaculture in a freshwater pond at Jodhpur in relation to its limnology. *Eco. Env. And Cons.* **9**(4): 453 – 459.
- Jhingran, V. C. 1975. *Fish and fisheries of India*. Hindustan Publishing Corporation, Delhi, India., pp 954.
- Jhingran, V. C. 1982. *Fish and fisheries of India*. Hindustan Publishing Corporation, Delhi, India.
- Jhingran, V. G. 1974. *Fish and Fisheries of India*. Hindustan Publishing Corporation, New Delhi.
- Jindal, R. and Kumar, R. 1993. Limnology of a freshwater pond at Nalgarh (Himachal Pradesh, India) 1. Physicochemical complexes pp 107 – 112 In : *Advances In Limnology* (Ed. By Singh, H.R.).
- Jinwal, A. and Dixit, S. 2008. Pre and post monsoon variation in physico-chemical characteristics in Groundwater Quality of Bhopal “The city of Lakes” India. *Asian J. Exp.Sci.*, **22**(3): 311-316.
- Joan, B., and Gajewski, K. 2005. Quantitative analysis of freshwater Ostracode assemblages in southwestern Yukon Territory, Canada. *Hydrobiologia*, **545**: 117-128.
- Job, S. V. and Kannan, V. 1980. The detritus limnology of Sathiar reservoir reservoir. *Hydrobiologia*, **72** : 81-84.

- Jose, A. A. and Jose V. de Lucio. 2001. The role of landscape structure in species richness and distribution of birds, amphibians, reptiles and lepidopterans in Mediterranean landscapes. *Landscape Ecology*, **16**:147-159.
- Jueg, U., Menzel-Harloff, H., Seemann, R. and Zettler, M. 2002. Rote Liste der gefährdeten Schnecken und Muscheln des Binnenlandes Mecklenburg-Vorpommern. 2 Fassung. Loc. Cited by Iga, L. and Adam, S. 2006.
- Jyoti, B., Sudhakar, S. and Venkateswarlu, V. 1990. Ecological evaluation of Chlorococclean blooms- A comparative account. *J. Indian Botanical Society*, **69**: 115-120.
- Kamat, M. D. 1965. Ecological notes on Kolhapur. *J. Biol. Sci.*, **8**: 47-54.
- Kaminski, R. M. and Prince, H. H. 1984. Dabbling duck habitat associations during spring in Delta Marsh, Manitoba. *Journal of Wildlife Management*, **10**: 37-50.
- Kaminski, R. M. and Weller, M. W. 1992. Breeding habitats of Nearctic waterfowl. In: *Ecology and management of breeding waterfowl*. Eds, Batt, B. D. J., Afton, A. D., Anderson, M. G., Ankney, C. D., Johnson, D. H., Kadlec, J.A. and Krapu, G. L. Minneapolis, MN University of Minnesota Press. pp 568-89.
- Kanan, V. and Job, S. V. 1980. Diurnal depth wise and seasonal changes of physicochemical factors in Sathiyar reservoir. *Hydrobiologia*, **70**: 103-117.
- Kannan, V. 1978. *The limnology of Sathiar: A fresh water impoundment*. Ph.D. Thesis, submitted to Madurai Kamaraj Univ., Madurai, India.
- Kant, S. and Raina, A. K. 1990. Limnological studies of two ponds in Jammu.II. Physico-chemical parameters. *J. Env. Biol.*, **11**: 137-144.

- Kanungo, V. K. and Naik, M. L. 1987. Physico-chemical and biological characteristics of Nineteen ponds of Raipur. In: *Perspective in Hydrobiology*, Ed. By Rao, K.S. and Shrivastava, Vikram University Ujjain M.P., India, **30(4)**: 157 – 160.
- Karatayev, A. Y., Burlakova, L. E. and Dodson, S. I. 2008. Community analysis of Belarusian Lakes: correlations of species diversity with hydrochemistry. *Hydrobiologia*, 10750-008-9323-2.
- Kasprzak, P. and Koschel, R. 2000. Lake trophic state, community structure and biomass of crustacean plankton. Verhandlungen der Internationalen Vereinigung fur Limnologie **27**: 773-777.
- Kauppinen, J. 1993. Densities and habitat distribution of breeding waterfowl in boreal lakes in Finland. *Finish Game Research*, **48**: 24-45.
- Kaur, H. N., Jerath, S., Kanwal, and Bath, K. S. 2001. Aquatic plant diversity of roper wetland, *Indian.J. Environ. Sciences*, **6(1)**: 23-26.
- Kaur, H., Dhillon, S. S., Bath, K. S. and Mander, G. 1996. Abiotic and biotic component of freshwater pond, Patiyala, Punjab. *Pollution Research*, **15(3)**: 253 – 256.
- Kaur, S., Dhillon, S. S., Kaur, N. and Bath, K. S. 1995. Physicochemical characteristics of fresh water ecosystem prevailing in and around Patiala (Punjab) *J. Environ. Ecol.*, **13 (3)**: 523-528.
- Kaushik, S. and Saxena, D. N. 1989. Physicochemical factors and the aquatic insect density of pond receiving cotton mill effluent of Gwalior (M.P.). *Acta Botanica India*, **19**: 113-116.
- Kaushik, S. and Sharma, N. 1994. Physico-chemical characteristics and zooplankton population of a perennial tank, Matsya Sarowar, Gwalior. *Environment and Ecology*, **12(2)**: 429-434.
- Kebede, E., 1996. *Phytoplankton in a salinity-alkalinity series of Lakes in the Ethiopian Rift Valley*. Uppsala University, Sweden, 178 pp.

- Kerfoot, W. C. 1980b. Perspectives on cyclomorphosis: Separation of phenotypes and genotypes. In W. C. Kerfoot, ed. *Evolution and Ecology of zooplankton communities*. Univ. Press New England, Hanover, NH. Pp 470-496.
- Kerr, J. T. and Packer, L. 1997. Habitat heterogeneity as a determinant of mammal species richness in high-energy regions. *Nature*, **385**: 252-254.
- Khalil, M. T. 1990. The physical and chemical environment of Lake Manzala, Egypt. *Hydrobiologia*, **196**: 193-199.
- Khan, A. J. and Khan, A. A. 1985. Physicochemical condition in seikha jheel at Aligarh. *Env. Eco.*, **5**: 269 – 274.
- Khan, F. A. and Ansari, A. A. 2005. Eutrophication : An Ecological Vision. *The Botanical Review*, **71(4)**: 449-482.
- Khan, M., Raza, S. A., Iqbal, S. A., Ghastai, T., Saify, T. and Sussain, 1986. Limnochemistry and water quality aspects of upper Lake Bhopal during winter season. *Indian J. Applied and Pure Bio.*, PP 47 – 50.
- Kim, B., Park, J., Hwang, G., Jun, M. and Choi, K. 2001. Eutrophication of reservoirs in south Korea'. *Limnology*, **2**: 223-229.
- Kiran, B. R., Puttaiah, E. T. and Kamath, D. 2007. Diversity and seasonal fluctuation of zooplankton in fish pond of Bhadra fish farm, Karnataka. *Zoos' Print Journal*, **22(12)**: 2935-2936.
- Kobbia, I. A., Zaki, M. Z. and Gad, Y. M. 1992. Ecology of phytoplankton in esturine regions of Abuo Tarfaia drain in Lake Qarun (Egypt). *Mansoura Sci., Bull. Egypt*, **19**: 141-165.
- Kopczynsk, E. E. 1980. Seasonal variation in phytoplankton in the Grand river mouth area of lake Michigan. *Pol. Arch. Hydrobiol.*, **27(1)**: 95-123.
- Koskimies, P. 1989. Bird as a tool in environmental monitoring. *Annales Zoologici*, **26**: 153-166.

- Kouimtizs, T. H., Samara, C., Voutsas, D., Zachariadis, G., 1994. Evaluation of chemical parameters in Aliakmon river, N. Greece. *J. Env. Sci. Health*, **29** (10): 2115-2126.
- Krebs, C. J. 1985. *Ecology: the experimental analysis of distribution and abundance*. Third edition, Harper and Row Publisher, New York.
- Kricher, J. C. 1972. Bird species diversity: the effect of species richness and equitability on the diversity index. *Ecology*, **53**: 278-282.
- Kricher, J. C. 1975. Diversity in two wintering bird communities: possible weather effects. *Auk*, **92**: 766-777.
- Krishnamurthy, V. 2000. *Algae of India and Neighbouring Countries. I. Chlorophycota*. Oxford and IBH Publishing Co. Pvt. Ltd. New Delhi.
- Krishnan, K. H., Thomas, S., George, S., Murugan, R. P., Mundayo, S. and Das, M. R. 1999. A study on the distribution and ecology of phytoplankton in the Kuttanad wetland ecosystem, Kerela. *Pollution Research*, **18**: 261-269.
- Kuczynska-Kippen, N. 2000. Seasonal changes of the rotifer community in the littoral of a polymictic lake. *Verh. Internat. Verein. Limnol.*, **27**: 2964-2967.
- Kudari, V. A. and Kanamadi, R. D. 2008. Impact of changed trophic status on the zooplankton composition in six water bodies of Dharwad district, Karnataka State, (South India). *Env. Moni. Assess.*, **144** : 301 – 313.
- Kudari, V. A., Kadadevaru, G. G. and Kanamadi, 2006. Characterisation of selected lentic habit of Dharwad, Haveri and Uttarkannada District of Karnataka State, India. *Env. Moni. Assess.*, **120** : 387 – 405.
- Kudari, V. A., Kadadevaru, G. G. and Kanamadi R. D. 2005. Zooplankton composition in some ponds of Haveri District, Karnataka. *Zoos' Print Journal*, **20**(12): 2094-2099.

- Kulshrestha, S. K., Georg, M. P., Saxena, R., Johri, M. and Shrivastava, M. 1992. Seasonal variations in the limno-chemical characteristics of Mansarovar reservoir of Bhopal. *Aquatic Ecology*. Ashish publishing House, New Delhi., 275 – 292.
- Kumar, A., Qureshi, T. A., Parashar, A. and Patiyal, R. S. 2006. Seasonal variation in physico-chemical characteristics of Ranjit Sagar Reservoir, Jammu and Kashmir. The Academy of Environmental Biology, India. *J. Ecophysiol. Occup. Hlth.*, 6 (2006).
- Kumar, A., Wanganeo, A. and Kumar, K. 2005. Ecological study of Pong Dam: A Wetland of Himachal Pradesh. In: *Urban Lakes in India: Conservation, Management and rejuvenation*, Bhatia, K. K. S. and Khobragade, S. D. (eds), Anubhav Printers, 1: 23-30.
- Kumar, R., Singh, R. D. and Sharma, K. D. 2005. Water resources of India. *Current Science*, 89(5): 794-811.
- Kushlan, J. A. 1976. Wading bird predation in a seasonal fluctuating pond. *Auk*, 93: 464-76.
- Lack, D. 1933. Habitat selection in birds. *J. Animal Ecology*, 2: 239-62.
- Lake, D. 1968. *Ecological Adaptations for Breeding in Birds*. Edward Grey Institute of Field Ornithology, Oxford, Methuen and Co. Ltd. London.
- Lentz-Cipollini, K. A. and Dunson, W. A. 2006. Abiotic features of Seasonal Pond habitat and Effects on Endangered Northeastern Bulrush, *Scirpus ancistrochaetus* Schuyler, in Central Pennsylvania. *Castanea*, 71(4): 272-281.
- Li, M., Gargett, A. and Denman, K. 2000. What determines seasonal and interannual variability of phytoplankton and zooplankton in strongly estuarine system? Application to the semi-enclosed estuary of Strait of Georgia and Juan de Fuca Strait, Estuarine. *Coastal and Shelf Science*, 50: 467-488.

- Li, Z. W. D. and Mundkar, T. 2007. Numbers and distribution of waterbirds and wetlands in the Asia-Pacific region. *Results of the Asian Waterbirds Census: 2002-2004*. Published by Wetlands International, Kuala Lumpur, Malaysia.
- Lodge, D. M. and Kelly, V. S. 1985. Habitat disturbance and the stability of freshwater gastropod populations. *Oecologia*, **68**: 111 – 117.
- Lodge, D. M., Brown, K. M., Klosiewski, S. P. and Stein, A. P., 1987. Distribution of freshwater snails: spatial scale and the relative importance of physico-chemical and biotic factors. *American Malacological Bulletin*, **5**: 73-84.
- Loeblich, A. R. and Loeblich, L. A. 1984. *Dinoflagellates cysts*. In Spector, D. L. eds. *Dinoflagellates*. Academic Press, Orlando. Pp. 443-480.
- Lubchenco, J., Olson, A. M., Brubaker, L. B., Carpenter, S. R., Holland, M. M., Hubbell, S. P., Levin, S. A., MacMahon, J. A., Matson, P. A., Melillo, J. M., Money, H. A., Peterson, C. H., Pulliam, H. R., Real, L. A., Regal, P. J. and Risser, P. G. 1991. The sustainable biosphere initiative: an ecological research agenda. *Ecology*, **72**: 371-412.
- Macan, T. T., 1958. Ponds and Lakes, George, *Allen and Unwin Ltd*. London, 148.
- Macan, T. T. 1950. Ecology of Fresh-Water Molluscs in the English Lake District. *J. Anim. Ecol.*, **19** (2): 124-146.
- Mackie, G. L. and Flippance, L. A. 1983. Relationships between Buffering Capacity of Water, the Size and Calcium Content of Freshwater Molluscs. *Fresh. Invert. Biol.*, **2**, (1): 48-55.
- Magare, S. R. 2007. Biodiversity of freshwater molluscs from Satpuda mountains and Tapi River with reference to vector snails. *Flora and Fauna*, **13(1)**: 161-164.

- Mahajan, C. L. 1981. Zooplankton as indicators for assessment of water pollution, WHO workshop on biological indicators of an indices of Environmental pollution. *Central Bd. Prew. Cont. poll/OSM Univ. Hyderabad*, 135-148.
- Mahopatra, S. P., 1987. Heavy metal concentration in industrial effluents changed to the Thana creek. *Indian J. Envi. Prot.*, 7(4) : 284 – 286.
- Maier, G. 1996. Copepod communities in lakes of varying trophic degree. *Archive fur Hydrobiologie*, 136: 455-465.
- Majagi, S. and Vijaykumar, K. 2009. Ecology and abundance of zool plankton in Karanja reservoir. *Environ. Monit. Assess.*, 152: 451 – 458.
- Manivasakam, N. 1980. *Physicochemical examination of water, sewage and industrial effluents*. Pragati Prakashan, Meerut. India.
- Manna, R. K. and Das, A. K. 2004. Impact of the river moosi on river Krishna I. Limno-chemistry. *Poll. Res.*, 23: 29-38.
- Mathew, P. M. 1975. Limnology and productivity of Govindgarh Rewa Lake, Madhya Pradesh. *J. Inland Fish. Soc.*, India, 8: 15 – 24.
- Mathew, P. M. 1978. Limnological investigations on the plankton of Govindgarh Lake and its correlation with physico-chemical factors. *Proc. Semi. Eco. And Fish of freshwater reservoir*, 37-46.
- Mathivanan, V., Vijayan, P., Selvi, S. and Jeyachitra, O. 2007. An assessment of plankton population of Cauvery river with reference to pollution. *J. Environ. Biol.*, 28(2): 523-526.
- Mayagoitia, E. O., Armenglo, X. and Rojo, C. 2000. Structure and dynamics of Zooplankton in a semi-arid wetland, The National park Las Tablas De Daimiel (Spain). *Wetlands*, 20(4): 629-638.
- McMohan, R. O. F. 1983. Physiological ecology of freshwater pulmonates. In: *The mollusca* (ed. Russel-Hunter, W.D.), pp 360 – 430. Academic Press, London.

Mehta, V. 1999. *Eco-physiology and conservation of kala Talav*. Ph.D. Thesis submitted to University of Mumbai. Mumbai, India.

Meric, A. and Akcaalan, R. 2003. Factors influencing the phytoplankton steady state assemblages in a drinking-water reservoir (Omerli reservoir, Istanbul). *Hydrobiologia*, **502**: 85-95.

Meshram, C. B. 1996. *Limnological studies of Wadali Lake, Amravati, Maharashtra*. PhD thesis submitted to Amravati University. Amravati, India.

Michael, P. 1984. *Ecological Methods for Field and Laboratory Investigations*. Tata McGraw-Hill Publishing Company Limited, New Delhi.

Michael, R. G. 1969. Seasonal trend in physico-chemical factors and plankton of freshwater fish pond and their role in fish culture. *Hydrobiologia*, **33**: 144-160.

Michelutti, N., Doublas, M., Lean, D. 2002. Physical and chemical limnology of 34 oligotrophic Lakes in Canada. *Hydrobio.*, **482** : 1-13.

Miller, J. N., Brooks, R. P. and Croonquist, M. J. 1997. Effects of landscape patterns on biotic communities. *Landscape Ecology*, **12**: 137-153.

Miloslav, D. 1998. Influence of environmental factors on the rotifer assemblage in an artificial Lake. *Hydrobiologia*. **387/388**: 171-178.

Mischke, U. and Nixdorf, B. 2003. Equilibrium phase conditions in shallow German lakes: how Cyanoprokaryota species establish a steady state phase in late summer. *Hydrobiologia*, **502**: 123-132.

Mooij, W. M., Hulsmann, S., De Senerpont Domis, L. N., Nolet, B. A., Bodelier, P. L. E., Boers, P. C. M., Dionisio Pires, L. M., Gons, H. J., Ibelings, B. W., Noordhuis, R., Portielje, R., Wolfstein, K. and Lammens, E. H. R. R. 2005. The impact of climate change on lakes in the Netherlands: a review. *Aquatic Ecology*, **39**: 381-400.

- More, Y. S. and Nandan, S. N. 2000. Hydrobiological study of Algae of Panzara River, Maharashtra. *Ecol. Env. Cons.*, **6**(1): 99-103.
- Morrison, M. L., Marcot, B. G. and Mannan, R. W. 1992. *Wildlife-habitat relation-ships*. University of Wisconsin Press, Madison, WI.
- Moshood, K. M. 2008. Assessment of the water quality of Oyun Reservoir, Offa, Nigeria, using selected physico-chemical parameters'. *Turkish J. of Fisheries and Aquatic Sci.*, **8**: 309-319.
- Moss, B., McGowan, S. and Carvalho, L. 1994. *Limnol. Ovenogr.*, **39**: 1020.
- Moss, B. 1994. Brackish and freshwater shallow wetlands- different systems or variations on the same theme. *Hydrobiologia*, **275/276**: 1-14.
- Moundiotiya, C., Sisodia, R., Kulshrestha, M. and Bhatia, A. L. 2004. A case study of the Jamwa Ramgarh wetland with special reference to physico-chemical properties of water and its environs. *J. of Environ. Hydro.*, **12**: 24.
- Mourguart, P. H. and Carbonel, P. 1994. A quantitative method of palaeolake-level reconstruction using ostracod assemblages: an example from the Bolivian Altiplano. *Hydrobiologia*, **288**: 183-193.
- Mukherjee, A. and Borad, C. K. 2001. Effects of waterbirds on water quality. *Hydrobiologia*, **464**: 201-205.
- Mulani, S. K., Mule, M. B. and Patil, S. U. 2009. Studies on water quality and zooplankton community of the Panchganga river in Kolhapur city. *J. of Environ. Biol.* **30**(3): 455-459.
- Munawar, M. 1970. Limnological studies on freshwater ponds of Hyderabad, India-II. The biocenose, distribution of unicellular and colonial phytoplankton of polluted and unpolluted environment. *Hydrobiologia*, **41**: 105-128.
- Munawar, M. 1970. Limnological studies of fresh water pond of Hyderabad, India. *J. The Biotope, Hydrobiol.*, **35**: 127-162.

- Munawar, M. 1974. Limnological studies of freshwater ponds of Hyderabad, India IV. The biocoenose, periodicity of species composition of unicellular and colonial phytoplankton in polluted and unpolluted environments. *Hydrobiologia*, **45**(1): 1-32.
- Murkin, H. R. and Kadlec, J. 1986. Relationship between water fowl and macroinvertebrate densities in Northern Prairie Marsh. *J. Wild. Manag.*, **50** (2): 212-217.
- Murphy, K. J., Kennedy, M. P., McCarthy, V., O'Hare, M. T., Irvine, K. and Adams, C. 2002. A review of ecology based classification systems for standing freshwaters. SNIFFER Project Number: W(99)65, Environment Agency R and D Technical Report: E1-091/TR.
- Murphy, S. M., Kessel, B. and Viningsource, L. J. 1984. Waterfowl Populations and Limnologic Characteristics of Taiga Ponds. *J. Wild. Manag.*, **48** (4): 1156-1163.
- Murugavel, P. and Pandian, T. J. 2000. Effect of altitude on hydrology, productivity and species richness in Kodyar – a tropical peninsular Indian aquatic system. *Hydrobiologia*, **430** : 33-57.
- Nagarajan, R. and Thiyyagesan, K. 1996. Shore birds and substrate quality of the Pichavaram wetlands, south India. *IBIS*, **138**: 710-721.
- Naik, U. G. and Neelkanthan, B. 1990. Phytoplankton distribution in the Kali estuary-A seasonal study. *Pollution Research*, **9**: 23-27.
- Naik, U. G., Bhosale, S. H., Rathod, J. L. and Bhat, U. G. 2005. Diversity of phytoplanktonic groups in the river Kali, West Coast of India. *Proceedings of Senior Lecturer University Grant Commission*, Haveri, pp. 192-196.
- Nair, N. B., Dharmaraj, K., Abdul Aziz, P. K., Arunachalam, M., Krishna Kumar, K. and Balsubramaniam, N. B. 1983. Nature of primary production in a tropical backwater of south- west Coast of India, *Proceedings of the Indian National Science Academy*, **49**(6): 521-597.

- Nandan, S. N. and Patel, R. J. 1984. Ecological studies on algal flora of Vishwamitri river Baroda, Gujarat, *Indian J. P. I. Nature*, **2**(1): 17-22.
- Nandan, S. N. and Patel, R. J. 1985a. Eutrophication in vishwamitri river flowing through Baroda city. *Geobios*, **2**: 60-62.
- Nandan, S. N. and Patel, R. J. 1985b. Pollution studies on algal flora of Vishwamitri river flowing through Baroda. *Biovigyan*, **11**: 209-210.
- Nandan, S. N. and Mahajan, S. R. 2003. Pollution indicating algae of hartala lake of North Maharashtra (India). *Trends in Life Sciences (India)*, **18**(1): 49-57.
- Nandan, S. N. and Magar, U. R. 2007. Algal flora and physico-chemical studies of Girna Dam in Nashik District, Maharashtra. *Seaweed Res. Utiln.*, **29**(1-2): 279-285.
- Nandan, S. N. and Mahajan, K. D. 2007. Studies on the diatom flora of Suki River and Suki Dam at Maharashtra. *Seaweed Res. Utiln.*, **29**(1-2): 287-298.
- Narayan, R., Saxena, K. K. and Chauhan, S. 2007. Limnological investigation of Texi Temple pond in district Etawah (U.P.). *J. of Environ. Biol.*, **28**(1): 155-157.
- Naselli-Flores, L. and Barone, R. 2000. Phytoplankton dynamics and structure: a comparative analysis in natural and man-made water bodies of different trophic state. *Hydrobiologia*, **438**: 65-74.
- Naselli-Flores, L. and Barone, R. 2003. Steady-state assemblages in a Mediterranean hypertrophic reservoir. The role of Microcystis ecomorphologicval variability in maintaining an apparent equilibrium. *Hydrobiologia*, **502** (172): 133-143.
- Neema, P., Rajgopalan, S. and Mehta, C. G. 1984. Quality and treatment of Sabarmati river water Ahmedabad. *J. I. W. W. A.*, **16**(1): 99-107.

- Netherland, M. D., Lembi, C.A. and Poovey, A. G. 2009. Screening of various herbicide modes of action for selective control of algae responsible for harmful blooms. Technical Note ADA494357, U. S. Army Engineer Research and Development Centre, Coastal and Hydraulics Laboratory, Vicksburg : 1-12.
- Neves, I. F., Rocha, O., Roche, K. F. and Pinto, A. A. 2003. Zooplankton community structure of two marginal lakes of the River Cutaba (Mato Grosso, Brazil) with analysis of rotifer and cladocera diversity. *Brazil Journal of Biology*, **63**(3): 329-343.
- Newton, I. 1995. The contribution of some recent research on birds to ecological understanding. *J. Anim. Ecol.*, **64**: 675-699.
- Nico, S. 2003. Life strategies, dominance patterns and mechanisms promoting species coexistence in phytoplankton communities along complex environmental gradients. *Hydrobiologia*, **502**: 13-36.
- NIH (WRI). National Institute of Hydrology, Roorkee, Hardwar, Uttaranchal, India.
- Nilsson, L. 1978. Breeding waterfowl in eutrophicated lakes in South Sweden. *Wildfowl*, **29**: 101-110.
- Nilsson, S. G. and Nilsson, I. N. 1978. Breeding bird community densities and species richness in lakes. *Oikos*, **31**: 214-221.
- Nisbet, I. C. T. 1997. Female Common Terns *Sterna hirundo* eating mollusc shells: evidence for calcium deficits during egg laying. *IBIS*, **139**:400.
- Nudds, T. 1983. Variation in richness, evenness and diversity in diving and dabbling ducks guilds in prairie pothole habitats. *Can. J. Zool.*, **61**: 1547-1550.
- Nurulalom, M. D. and Zaman, M. 2006. Physicochemical characteristics of a large lentic water body in Rajshahi, Bangladesh. *Nat. Environ. Pollut. Technol.*, **5**: 441-446.

- Oertli, B., Jaye, D. A., Castella, E., Juge, R., Cambin, D. and Lachavanne, J. B. 2002. Does size matter? The relationship between pond area and biodiversity. *Biol. Conserv.*, **104**: 59 – 70.
- Oomachan, L. 1981. *Ecological studies of lower Lake of Bhopal, Madhya Pradesh with special reference to Benthic fauna*. Ph. D. Thesis submitted to Bhopal University, Bhopal, India.
- Padate, G., Deshkar, S. and Sapna, S. 2008. The Influence of Narmada Water Inundation on the Duck Populations of Wadhwana Irrigation Reservoir. Published in proceedings of ‘Taal 2007’ the World Lake Conference, Jaipur, Sengupta, M. and Dalwani R. (eds.) Pp.131-136.
- Padisak, J. and Reynolds, C. S. 1998. Selection of phytoplankton associations in Lake Balaton, Hungary, in response to eutrophication and restoration measures, with special reference to the cyanoprokaryotes. *Hydrobiologia*, **384**: 41-53.
- Padisak, J. 2005. *Altalanos Limnologia* (General Limnology). ELTE Eotvos Kiado, Budapest, pp. 310. (In Hungarian).
- Padisak, J., Crossetti, L. O. and Naselli-Flores, L. 2009. Use and misuse in the application of the phytoplankton functional classification: a critical review with updates. *Hydrobiologia*, **621**: 1-19.
- Padmanabha, B. and Belagali, S. L. 2008. Ostracods as indicators of pollution in the lakes of Mysore. *Journal of Environ. Biol.*, **29**(5): 711-714.
- Palmer, C. H. 1980. *Algae and water pollution*. Castle House Publication Ltd.
- Palmer, C. M. 1969. A composite rating of algae tolerating organic pollution. *J. Phycol.*, **5**: 78-82.
- Panjawani, R. 1994. Evolution of wildlife laws in India. In: *The wildlife (Protection) Act 1972 as amended upto 1991*. Natraj Publisher, Dehradun, India.

- Paracuellos, M. 2006. How can habitat selection affect the use of a wetland complex by water birds? *Biodiversity and Conservation*, **15**: 4569-4582.
- Parashar, C., Dixit, S. and Shrivastava, R. 2006. Seasonal variations in physicochemical characteristics in upper Lake of Bhopal. *Asian J. Exp. Sci.*, **20**(2): 297-302.
- Parish, T., Lakhani, K. H. and Sparks, T. H. 1995. Modeling the relationship between bird population variables and hedgerow and otherfield margin attributes. II. Abundance of individual species and of groups of similar species. *Journal of Applied Ecology*, **32**: 362-371.
- Patil, C. S. and Goudar, B. V. M. 1985. Ecological study of freshwater zooplankton of a subtropical pond (Karnatak State, India). Internationale Revue Der Gesamten. *Hydrobiologie*, **70**(2): 259-267.
- Patil, S. G. 2005. Hydrobiological investigations. *Zool. Surv. India, Fauna of Nathsagar wetland, Wetland Ecosystem Series*, **7**: 7-62.
- Patil, S. G. and Talmale, S. S. 2005. The fresh water Ostracoda. Fauna of Nathsagar Wetland, Zool. Surv. India. *Wetland Ecosystem Series*, **7**: 63-75.
- Patrick, R. 1948. Factors affecting the distribution of diatoms *Bot. Rev.*, **14**(8): 473-524.
- Patrick, R. 1950. Biological measure of stream conditions. *Sew, Industr. Wastes*, **22**: 926-938.
- Patrick, R. 1973. The effect of increasing light and temperature on the structure of diatom communities. *Limnology Ocenography*, **16**: 405-421.
- Patterson, J. H. 1976. The role of environmental heterogeneity in the regulation of duck populations. *J. Wild. Manage.*, **40** (1): 22-32.

- Pearsall, W. H. 1932. Phytoplankton in the English lakes II. The composition of the phytoplankton in relation to dissolved substances. *J. Ecol.*, **20**: 241-262.
- Pearshall, W. H. 1930. Phyto-plankton in the English Lake1. The production in the water of some dissolved substances of Biological importance. *J. Ecol.*, **18**: 306 – 320.
- Pejler, B. 1995. Relation to habitat in Rotifers. *Hydrobiologia*, **313/314** : 267-278.
- Pennak, R. W. 1946. The dynamics of freshwater plankton populations. *Ecological Monographs*, **16** (4): 339-355.
- Pennak, R. W. 1949. Annual limnological cycles in some Colorado reservoir lakes. *Ecol. Monegr.*, **19**: 233-267.
- Pennak, R. W. 1955. Comparative limnology of eight Colorado mountain lakes. *Uni. Colo. Stud. Biol.*, **2**: 1-75.
- Pennak, R. W. 1978. *Freshwater invertebrates of the United States*, 2<sup>nd</sup> Ed. New York: John Wiley and Sons.
- Perez Quintero, J. C. 2007. Diversity, habitat use and conservation of freshwater molluscs in the lower Guadiana River basin (SW Iberian Peninsula). *Aqua. Conserv.*, **17**: 485 – 501.
- Perrins, C. M. 1996. Eggs, egg formation and the timing of breeding. *IBIS*, **138** (1): 2–15.
- Pettersson, K., Grust, K., Weyhenmeyer, G. and Blenckner, T. 2003. Seasonality of chlorophyll and nutrients in Lake Erken- effects of weather conditions. *Hydrobiologia*, **506-509**: 75-81.
- Philipose, M. T. 1960. Freshwater phytoplankton of inland fisheries, *Proc. Sym.Algology, ICAR.*, 272-291.
- Philipose, M. T. 1967. Chlorococcales ICAR New Delhi pp 356.

- Philips, E. J., Cichra, M., Havens, K., Hanlon, C., Badylak, S., Rueter, B., Randall, M. and Hansen, P. 1997. *J. Plankton Res.*, **19**: 319.
- Phillipose, M. T. 1982. Contributions to our knowledge of Indian algae- III. Euglenineae- Part I- The genus *Euglena* Her., *Proceedings Indian Academy Sciences (plant Sci.)*, India, **91**(6): 551-599.
- Pip, E. 1987. Species richness of fresh water gastropod communities in central North America. *J. Mollus. Stud.*, **53**: 163 – 170.
- Pip, E. 2006. Littoral mollusc communities and water quality in southern Lake Winnipeg, Manitoba, Canada. *Biodiv. Conservation*, **15**: 3637-3652.
- Pollinger, U., Burgi, H. R. and Ambuhl, H. 1993. The cysts of *Ceratium hirudinella*: Their dynamics and role within a eutrophic lake (Lake Sempach, Switzerland). *Aquatic Sci.*, **5**: 10-18.
- Pontin, R. M. 1978. *A key to British freshwater planktonic Rotifera*. Scientific Publication no. 38. Freshwater Biological Association, Ambleside, UK.
- Powell, G. V. N. 1987. Habitat use by wading birds in a semitropical estuary: implications of hydrography. *Auk*, **104**: 740-749.
- Prasad, B. N., Jaitly, Y. C., Singh, Y. 1985. Periodicity and interrelationships of physico-chemical factors in ponds In: A.D. Adoni (eds.) *Proc. Nat. Symp. Pure and Apply. Limno. Bull. Bot. Soc. Sagar.*, **32**: 1-11.
- Prescott, G. W. 1948. Objectionable algae with reference to the willing of fish and other animals. *Hydrobiologia*, **1**: 1-13.
- Purohit, S. S. and Saxena, M. M. 1990. In: *water, life and pollution*. Agr. Botanical Publishers (India). India.
- Pyron, M., Beugly, J., Spielman, M., Pritchett, J. and Jacquemin, S. 2009. Habitat variations among gastropod assemblages of Indiana, USA. *The Open Zoology Journal*, **2**: 8-14.

- Quadri, M. Y. and Yousuf, A. R. 1978. Seasonal variations in physico-chemical factors of subtropical lake of Kashmir. *J. Indian fish, Soc. Ind.*, **14**: 123-131.
- Radhika, C. G., Mini, I. and Gangadevi, T. 2004. Studies on abiotic parameters of a tropical freshwater Lake Vellayani Lake, Triruvananthpuram District Kerala. *Poll. Res.*, **23(1)**: 49-63.
- Rahman, A., Lee, H. K. and Khan, M. A. 1997. Domestic water contamination in rapidly growing megacities of Asia: case of Karachi, Pakistan. *Environ. Monit. Assess.*, **44**: 339-360.
- Rahmani, A. R. 2003. Important birds areas (IBA) programme. *Satish, Pande. 2003. Birds of Western Ghats, Kokan and Malabar (Including Birds of Goa)*, Bombay Natural History Society, Oxford University Press. Pp. 343.
- Rai, L. C. 1978. Ecological studies on algal communities of River Gangas at Varanashi. *Ind. J. Ecol.*, **5**: 1-6.
- Rajasegar, M. 2003. Physicochemical characteristics of velar estuary in relation to shrimp farming. *J. Environ.Bio.*, **24(1)**: 95 – 101.
- Ramachandra, T. V., Kiran, R. and Ahalya. N. 2002. *Status. Conservation and management of wetlands*. Allied Publishers (P) Ltd.
- Ramchandra, T. V. and Solanki, M. 2007. Ecological Assessement of Lentic Water Bodies of Bangalore. Envis Technical Report: 25. Indian Institute of Science, Bangalore.
- Ramchandra, T. V., Kiran, A., Ahylaya, N. and Deepa, R. S. 2002. Status of wetlands of Bangalore. Technical Report 86. Indian Institute of Science, Bangalore.
- Ramchandra, T. V., Rishiram, R., and Karthick, B. 2006. Zooplankton as bioindicators: Hydrobiological Investigations. In: Selected Bangalore Lakes. Technical Report: 115, June 2006. Indian Institute of Science, Bangalore.

- Rane, P. D. 2002. Cladocera: Crustacea, fauna of Ujani wetland, *wetland ecosystem series*, *Zool.Surv. India.*, **3**: 71-85.
- Rao, C. B. 1955. On the distribution of algae in a group of six small ponds. *Algal Periodicity J. Ecol.*, **43**: 291-308.
- Rao, V. N. R., Mohan, R., Hariprasad, V. and Ramasubramanian, R. 1994. Sewage pollution in the high altitude Ooty lake, Udhagamandalam-cause and concern', *Poll. Res.*, **13**(2): 133-150.
- Rathod, J. and Padate, G. 2008. A comparative study of Avifauna of a suburban wetland and an irrigation Reservoir of Savli Taluka, District Vadodara. Published in proceedings of 'Taal 2007' *the World Lake Conference*. (eds.) Sengupta, M. and Dalwani R. Pp. 537-541.
- Rathod, J. Y. 2009. *Avifauna of urban area: Its significance and implication under various human disturbances*. Ph. D. Thesis submitted to the M. S. University of Baroda, Vadodera, India.
- Ravikumar, M., Manjapa, S., Kiran, B. R. and Puttaiah, E. T. 2006. Phytoplankton periodicity in relation to abiotic factors in Kulahalli tank near Harapanahalli, Karnataka. *Nat. Environ. Pollut. Technol.*, **5**: 157-161.
- Ray, D., Ravindar Rao, R., Bhoi, A. V., Biswas, A. K., Ganguly, A. K. and Sanyal, P. B. 1999. Physicochemical quality of drinking water in Rohtas district of Bihar. *Environ. Monit. Assess.*, **61**: 387-398.
- Renn, C. E., 1968. *A study of water quality*. Lamotte Chemical Products Company, Chestertown, Mary Land, 46 pp.
- Revenga, C. and Kura, Y. 2003. Status and Trends of Biodiversity of Inland Water Ecosystems. Secretariat of the Convention on Biological Diversity, 215 Montreal, Technical Series no. 11. Published by the Secretariat of the Convention on Biological Diversity. Montreal, Quebec, Canada.

- Richardson, J. L. 1968. Diatoms and Lake Typology in East and central Africa. *Int. Revue. Ges. Hydrobiol.*, **53**: 299-338.
- Rodgers, W. A. 1991. *Techniques for Wildlife census in India A field Manual*. Wildlife Institute of India, Deharadun, India.
- Roff, J. C., Middlebrook, K. and Evans, F. 1988. Long-term variability in North Sea zooplankton off Northumberland coast: productivity of small copepods and analysis of trophic interactions. *Journal of the Marine Biological Association of the United Kingdom*, **68**: 143-164.
- Root, T. L., Price, J. T., Hall, K. R., Schneider, S. H., Rosenzweig, C. and Pounds, J. A. 2003. Fingerprints of global warming on wild animals and plants. *Nature*, **421**: 57-60.
- Rosenzweig, M. L. 1995. *Species diversity in space and time*. Cambridge University Press, Cambridge.
- Rotenberry, J. 1978. Components of avian diversity along a multifactorial gradient. *Ecology*, **59**: 693-699.
- Rotenberry, J., Fitzner, R. and Richard, W. 1979. Seasonal variation in avian community structure: differences in mechanisms regulating diversity. *Auk*, **96**: 499-505.
- Round, F. E. 1985. *The Ecology of Algae*. Published by the Press Syndicate of the University of Cambridge, Cambridge.
- Round, F. E. 1985. *The Ecology of Algae*. Published by the Press Syndicate of the University of Cambridge, Cambridge.
- Russel-Hunter, W. 1964. Physiological aspects of ecology in non-marine molluscs, In: *Physiology of Mollusca* (ed. Wilbur, K.M. and Yonge, C.M.). Pp 83 – 125. Academic Press, London.
- Rutner, F. 1963. *Fundamentals of limnology*, University of Toronto Press. 295 pp.

Rutner-Kolisko, A. 1974. *Plankton rotifers. Biology and taxonomy.* Suppl. Die Binnengewässer. Schweizerbart'sch Verlagsbuchhandlung, Stuttgart, Germany.

Ryder, R. A., Kerr, S. R., Loftus, K. H. and Regier, H. A. 1974. The morphoedaphic index, a fish yield estimator review and evaluation. *J. Fish. Res. Bd Can.*, **31**: 663-688.

Sahib, S. S. and Azis, P. K. 1989. Post impoundment water quality of the kallada River – A preliminary report. *Proc. Kerela Sci. Congress.* Cochin : 153-160.

Saify, T., Chaghtai, S. A., Parveen, A. and Durrani, A. 1986. Hydrology and periodicity of phytoplankton in the sewage fed Motia pond, Bhopal, India. *Geobios*, **13**(5): 199-203.

Sampath, K. and Krishnamoorthy, K. 1990. Bird fauna and limnology of the Koliveli tank, Tamil Nadu. India. In: Vijayan, V.S. (ed) *Proc. Seminar on Wetland Ecology and Management:* 47-48: Bombay Natural History Society. Bombay.

Sandra, M., Alves-da-Silva., Guilherme, H. and Maria, A. O. 2007. Diversity and ecological considerations on pigmented euglenophyta in the state park of the Jacui Delta, Rio Grande Do Sul, Southern Brazil. *Biociencias, Porto Alegre*, **15**: 8-20.

Sarkar, H. L. and Hakuriat, R. 1964. The Limnology of Suraj Kund, India 1. Physico-chemical conditions and plankton. *Trans. American Microscop. Soci.*, **83**(2): 260-266.

- Sarkar, S. K. and Chaudhary, B. 1999. Role of some environmental factors on the fluctuations of plankton in a lentic pond at Calcutta. *Limnological research in India*. Daya publishing house. Pp 108-130.
- Sarma, S. S., Nandini, S. and Gulati, R. D. 2005. Life history strategies of cladocerans: comparisons of tropical and temperate taxa. *Hydrobiologia*, **542**: 315-333.
- Sarode, P. T. and Kamat, N. D. 1984. *Freshwater diatoms of Maharashtra*. Saikrupa Prakashan, Aurangabad.
- Sarwar, S. G. and Wazir, A. 1991. Physicochemical Characteristics of a Freshwater Pond of Shrinagar (Kashmir). *Pollution Research*, **10**(4): 223-227.
- Satpathy, K. K., Prasad, M. V. R., Sheela Shanta, A., Bhaskar, S., Jebakumar, K. E., Rajan, M. and Arulsamy, K. S. 2007. A Comparison of water quality of two fresh water sources at Kalpakkam. *Proceedings of NSL* :140 – 144.
- Savage, A. A. and Gazey, G. M. 1987. Relationships of physical and chemical conditions to species diversity and density of gastropods in English lakes. *Biol. Conserv.*, **42** : 95 – 113.
- Savage, A. A., 2000. Community structure during a 27-year study of the macroinvertebrate fauna of a chemically unstable Lake. *Hydrobiologia*, **421**: 115-127.
- Scheiner, S. M. and Rey-Benayas, J. M. 1994. Global patterns of plant diversity. *Evolutionary ecology*, **8**: 331-347.
- Schroder, T. 2005. Diapauses in monogonont rotifers. *Hydrobiologia*, **546**: 291-306.
- Schwartz, R. M. and Dayhoff, M. 1978. Origins of prokaryotes, eukaryotes, mitochondria and chloroplasts. *Science*, **199**: 395-403.

- Schwoerbel, J. 1970. *Methods of Hydrobiology (Freshwater Biology)*. Pergamon Press Ltd., Headington Hill Hall, Oxford, England.
- Scott, J. T., Doyle, R. D., Prochnow, S., White, J. D. 2008. Are watershed and lacustrine controls on planktonic Nitrogen fixation hierarchically structured? *Ecol. Appl.*, **18**: 805-19.
- Sehgal, H. S. 1980. *Limnology of Lake Sruinsar, Jammu with reference to zooplankton and fisheries Prospectus*, Ph.D. Thesis submitted to University of Jammu, India.
- Senner, S. E. and Drennan, S. R. 1995. Conservation commentary: Ornithology and the National Biological Survey. *Auk*, **112**: 804-806.
- Senthilkumar, R. and Shivkumar, K. 2008. Studies on phytoplankton diversity in response to abiotic factors in Veeranam lake in the Cuddalore district of Tamil Nadu. *J. Environ. Biol.*, **29**(5): 747-752.
- Serafinski, W., Michalik-Kucharz, A. and Strzelec, M. 2001. Red List of Upper Silesian freshwater molluscs (Gastropoda and Bivalvia). Raporty I opinie. *Centrum Dziedzictwa Przyrody Gornego Slaska*, **5**: 37-49.
- Sharma, B. K. 2009. Composition, abundance and ecology of phytoplankton communities of Loktak Lake, Manipur, India. *J. Threatened Taxa*, **1**(8): 401-410.
- Sharma, M. S. and Durve, V. S. 1985. Trophic status and fishery potential of Rajasthan waters. *Proc. Nat. Sympos. Evalu. Environ. Sup. Vol. Geobios* pp. 180-86.
- Sharma, R. and Diwan, A. P. 1989. Limnological Status of nagar reservoir: an assessment of its potential for fish culture. *J. Hydrobiol.*, **5**: 67 – 69.
- Sharma, S. and Sharma, B. K. 2008. Zooplankton diversity in floodplain lakes of Assam. *Records of the zoological Survey of India, Occasional Paper No.*, **290**: 1-307.

- Sharma, S., Dixit S., Jain, P., Shah, K. W., Vishwakarma, R. 2008. Statistical evaluation of hydrobiological parameters of Narmada River water at hoshangabad city, India. *Environ. Monit. Assess.*, **143**: 195 – 202.
- Sharma, B. K. and Sharma, S. 2009. Microcrustacea (Crustacea: Branchiopoda) of Deepor Beel, Assam, India: richness, abundance and ecology. *Journal of Threatened Taxa.*, **1**(8): 411-418.
- Sharma, L. L., 1980. *Some limnological aspects of Udaipur waters in comparison to selected waters of Rajasthan*. Ph.D. Thesis submitted to University of Udaypur. Udaypur, India.
- Sharma, N. and Sahai, Y. N. 1988. Laboratory culture of fish food *Daphnia cosinata* (king) cladocerans. *Limnologic*, **21**: 275-278.
- Shivakumar, K. and Karuppasamy, R. 2008. Factors affecting productivity of phytoplankton in a reservoir of Tamilnadu, India. *American-Eurasian J. of Bot.*, **1**(3): 99 – 103.
- Shivanikar, S. V., Patil, P. M., Vaidya, D. P. and Bandela, N. N. 1999. Environmental temperature fluctuations determine dissolved oxygen level in Godavari river water. *Poll Res.*, **18**(4): 415-418.
- Shmida, A. and Wilson, M. V. 1985. Biological determinants of species diversity. *Journal Biogeography*, **12**: 1-20.
- Shridhar, R., Thangaradjou, T., Kumar, S. S. and Kannan, L. 2006. Water quality and phytoplankton characteristics in the Palk Bay, Southeast coast of India. *J. Environ. Biol.*, **27**: 561-566.
- Shukla, S. N. and Bais, V. S. 1990. Changes in physicochemical profile of the Bila reservoir during winter season. *Trends in Ecotoxicology*, pp 37 – 41.
- Shurin, J. 2000. Dispersal limitation, invasion resistance, and the structure of pond Zooplankton communities. *Ecology*, **81**(11): 3074-3086.

- Singh, R. and Mahajan, I. 1987. Phytoplankton and water chemistry of Rawalsar and Renuka Lake. H.P. India. *J. Ecol.*, **14** (2): 273-277.
- Singh, S. R. and Swaroop, K. 1979. Limnological studies of Surha Lake, Bhallia II. The periodicity of plankton. *J. Indian Botanical Society*, **58**: 319-329.
- Singh, V. P. 1960. Phytoplankton ecology of the inland waters of U.P. *Proc. Symp. Algal. I.C.A.R.*, New Delhi, pp 243-271.
- Singh, D. N. 2000. Evaluation of physicochemical parameters in an ox-bow Lake *Geobios*, **27**: 120 – 124.
- Singh, D. N. 2000. Seasonal variation of zooplankton in a tropical lake. *Geobios.*, **27**(2-3): 97-100.
- Singh, R. K. 1986. Fluctuations in the composition of Zooplankton populations in relation to hydrobiological conditions of a reservoir. *J. Hydrobiol.*, **2**: 37 - 42.
- Singhai, S., Ramani, G. M. A. and Gupta, U. S. 1990. Seasonal variations and relationship of different physico-chemical characteristics in the newly made Tawa. *Limnologia* (Berlin), **21**(1): 293 – 301.
- Sinha, M. P. 1986. Limnobiotic study of trophic status of a polluted fresh water reservoir of coal field area. *Poll Res.*, **5**: 13-17.
- Sinha, K. K. and Sinha, D. K. 1983. Seasonal trends in physico-chemical factors and zooplankton in a freshwater pond of Munger, Bihar. *Journal of Ecobiology*, **5**(4): 299-302.
- Skoulikidis, N. T., Bertahas, J. and Koassouris, T. 1998. The environmental state of fresh water resources in Greece (River and Lake) *Envi. Geology*, **36**: 1-2
- Smith, K. and Mac Mohan, J. 1981. Bird communities along a montane sere: community structure and energetic. *Auk*, **98**: 8-28.

- Smol, J. P. and Cumming, B. F. 2000. Tracking long-term changes in climate suiting algal indicators in lake sediments. *Phycology*, **36**: 986-1011
- Snow, B. K. 1960. The breeding biology of Shag *Phalacrocorax aristotelis* on the island of Lundy, *Bristol Chanel. IBIS*, **102**: 554-575.
- Sommaruga, R., Psenner, R., Schafferer, E., Koinig, K. A. and Sommargua-Wograth, S. 1999. Dissolved organic carbon concentration and phytoplankton biomass in high-mountain lakes of the Austrian Alps: Potential effect of climatic warming an UV underwater attenuation. *Arctic Antarctic and Alpine Research*, **31**: 247-253.
- Sparrow, R. A. H. 1966. Comparative limnology of lakes in the southern rocky mountain Trench, British Columbia, *Jour. Fish. Res. Bd. Canada*, **23**(12): 1875-1895.
- Spence, D. H. N. 1964. The macrophytic vegetation of freshwater Loch, In: *The vegetation of Scotland*. Ed. A.H. Burnell, Oliver and Boyd, Edinburg and London. 306 – 425.
- SPSS for Windows. Released 7.5.1. 1996. SPSS Inc.
- Sreenivasan, A. 1964. The Limnology, Primary Production and Fish Production in a Tropical Pond. *American Society of Limnology and Oceanography*, **9**(3): 391-396.
- Sridharan, U. 1989. Comparative ecology of resident ducks in Keoladeo National Park, Bharatpur. Ph.D. Dissertation submitted to University of Bombay, Bombay.
- Stanczykowska, A., Zyska, P., Dombrowski, A., Kot, H. and Zyska, E. 1990. The distribution of waterfowl in relation to mollusc populations in the manmade Lake Zegrzynskie. *Hydrobiologia*, **191**: 233-240.
- Stansly, P. A., Gore, J. A., Ceilley, D. W. and Main, M. B. 1997. Inventory of freshwater macroinvertebrates. Final Report for the South Florida Water Management District Isolated Wetland Monitoring Program

- Stiles, F. G. and Skutch, A. F. 1989. Ithaca, N. Y. *A guide to the birds of Costa Rica*. Cornell University Press.
- Stockwell, J. D. and Johannsson, O. E. 1997. Temperature dependent allometric models to estimate zooplankton production in temperate freshwater lakes. *Canadian Journal Fisheries and Aquatic Sciences*, **54**: 2350-2360.
- Subba Rao, N. V. 1989. *Handbook: Freshwater molluscs of India*. Zoological Survey of India, Calcutta.
- Subba Rao, N.V. 1991. *Animal resources of India protozoa to mammalian*. Zoological Survey of India. Pp. 125-147.
- Subhamma, D. V. and Sharma, R. 1992. Studies on the water quality characteristics of a temple pond near Machilipatnam, A.P. *J. Aqua. Bio.*, **7** (1 and 2): 22-27.
- Sugunan, V. V. 1980. Seasonal fluctuation of plankton of Nagarjunasagar reservoir. A. P. India *J. Inland. Fish. Soc. India*, **12**: 79-91.
- Sugunan, V. V. and Das, R. K. 1983. Studies on the bottom macro-fauna of Nagarjunasagar reservoir, A. P. India. *J. Inland. Fish. Soc. India*, **15**: 1-12.
- Sugunan, V. V. and Pathak, V. 1986. Temporal and spatial distribution of periphyton in Nagarjunsagar reservoir. A. P. India. *J. Inland. Fish. Soc. India*, **18**: 20-33.
- Sugunan, V. V. 1989. In : *Conservation and Management of Inland Fishery Resources of India* (Ed. Jhingran, A.G. and Sugunan V.V.).
- Sugunan, V. V. 1989. Limnological features in beel: Biotic factors. *Bulletin Central Inland Capture Fisheries Research Institute, Barrackpore*, **63**: 128-135.
- Sugunan, V. V. 1995. Reservoir fisheries of India. FAO Fish. *Tech Pap.*, **345**: 1-423.

- Sugunan, V. V. 2000. Ecology and fishery management of reservoirs in India. *Hydrobiologia*, **430**: 121-147.
- Sunkad, B. N. 2002. *Studies on biodiversity of wetlands with special reference to the physico-chemical factors*. Ph.D. thesis, Karnatak University, Dharwad.
- Swarnlatha, N. 1994. Seasonal rhythm of various physico-chemical characteristics of sarooriagar Lake. *J. Mendel.* **11 (1 and 2)**: 65 – 66.
- Tadesse, D., Tsehaye, A., Lac De, M., Afework, M., Abreha, G., Sarah, R., Annemie, P., Katleen, V., Gucht, W., Yverman, V., Jan, N., Jozet, D. and Steven, D. 2008. Limnological and ecological characteristics of tropical highland reservoirs in Tigray, Northern Ethiopia. *Hydrobiologia*.
- Tamot, S. and Sharma, P. 2006. Physicochemical Status of upper Lake (Bhopal, India) water quality with special reference to phosphate and Nitrate concentration and their impact on Lake Ecosystem. *Asian J. Exp.Sci.*, **20(1)**: 151-158.
- Tape, Y. and Mutlu, E. 2005. Physicochemical characteristics of Hatay Harbiye spring water, Turkey. *J. of the Inst. Of Sci. and Tech. of Dumlupiner Univ.*, **6**: 77-88.
- Tas, B. and Gonulol, A. 2007. An ecologic and taxonomic study on phytoplankton of a shallow lake, Turkey. *J. Environ. Biol.*, **28**: 439-445.
- Taylor, D., Dalton, C., Leira, M., Jordan, P., Chen, G., Leon-Vintro, L., Irvine, K., Bennion, H. and Nolan, T. 2006. Recent histories of six productive lakes in the Irish Ecoregion based on multiproxy paleolimnological evidence. *Hydrobiologia*, **571**: 237-259.
- Taylor, F. J. R. and Pollingher, 1987. Ecology of dinoflagellates. In Taylor, F. J. R. eds. *The biology of flagellates*. Blackwell Scientific Publs., Oxford. Pp 398-529.

- Telford, R. J., Vandvik, V. and Birks, H. J. B. 2006. Dispersal limitations matter for microbial morphospecies. *Science*, **312**: 1015.
- Theurillat, J. P. and Guisan, A. 2001. Potential impact of climate change on vegetation in the European Alps: a review. *Climatic change*, **50**: 77-109.
- Thomas, C. D., Cameron, A., Green, R. E., Bakkenes, M., Beumont, L. J., Collingham, Y. C., Erasmus, B. F. N., Siqueira, M. F., Grainger, A., Hannah, L., Hughes, L., Huntley, B., Jaarsveld, A. S., Midgley, G. F., Miles, L., Ortega-Huerta, M. A., Peterson, A. T., Philips, O. L. and Williams, S. E. 2004. Extinction risk from climate change. *Nature*, **427**: 145-148.
- Thomas, G. J. 1982. Autumn and winter feeding ecology of waterfowl at the Ouse Washes, England. *J. Zool.*, **197**: 131-172.
- Thomas, S. and Azis, P. K. 1996. Spatial and temporal distribution of nutrients in the Peppara reservoir – A man made ecosystem on the Western Ghats, South India. *Poll. Res.*, **15**: 5-10.
- Thrash, J. C., Beale, J. F., Sekling, E. V. 1949. *The examination of waters and water suppliers*. by Taylar E.W., pp 819.
- Thuillier, W., Lavorel, S., Araujo, M. B., Sykes, M. T. and Prentice, I. C. 2005. Climate change threats to plant diversity in Europe. *Proceedings of the National Academy of Sciences of the United States of America*, **102**: 8245-8250.
- Tilman, D. 1982. *Resource competition and community structure*. Princeton University Press, New York.
- Tiwari, A. and Chauhan, S. V. S. 2006. Seasonal phytoplanktonic diversity of Kitham lake, Agra. *J.Env. Biol.*, **27**(1): 35-38.
- Tiwari, D. and Shukla, M. 2007. Algal biodiversity and trophic status of some temporary water bodies of Kampur. *Nat. Environ. Pollut. Technol.*, **6**: 85-90.

- Tramer, E. J. 1969. Bird species diversity: Components of Shannon's formula. *Ecology*, **50**: 927-929.
- Traut, A. H. 2003. *Urban Lakes and water birds: Effects of development on distribution and behaviour*. A thesis presented to the graduate school of the University of Florida in partial fulfillment of the requirements for the Degree of Master of Science. University of Florida.
- Trevisan, G. V. and Forsberg, B. R. 2007. Relationships among nitrogen and total phosphorus, algal biomass and zooplankton density in the central Amazonia lakes. *Hydrobiologia*, **586**: 357-365.
- Trivedy, R. K. 1995. *Sources of water pollution and water quality parameters, Encyclopedia of environmental pollution and control* (Ed. By Trivedy, R. K.). Environmedia, karad.
- Trivedy, R. K. and Goel, P. K. 1986. *Chemical and biological methods for water pollution studies*. Environmental Publications, Karad (India).
- Tronstad, L. M., Tronstad, B. P. and Benke, A. C. 2005. Invertebrate responses to decreasing water levels in a subtropical river floodplain wetland. *Wetlands*, **25 (3)**: 583-593.
- Tucker, C. S. and Loyd, S. W. 1984. Phytoplankton communities in channel cat fish ponds. *Hydrobiologia*, **112**: 137-141.
- U.S. EPA. 2002. Methods for Evaluating Wetland Conditions: Introduction to Wetland Biological Assessment. Office of Water, U. S. Environmental Protection Agency, Washington, DC. EPA-822-R-02-014.
- UNEP (United Nations Environment Programme). 1992. Convention on Biological Diversity United Nations.
- UNEP (United Nations Environment Programme). 1996. convention on Biological Diversity United Nations  
<http://www.biodiv.org/convention/articles>.

- Unni, K. S. 1993. Limnology of Central Indian Lakes, reservoirs and ponds – a review. In: Mishra, P.C. and R.K. Trivedi (eds). *Ecology and Pollution of Indian Lakes and Reservoirs*. Ashish Publishing House, New Delhi, pp 347.
- Urban, E. K., Fry, C. H. and Keith, S. 1982. *The birds of Africa*. Volume II. London, Great Britain. Academic Press.
- Vandysh, O. I. 2004. Zooplankton as an indicator of the state of lake ecosystems polluted with mining wastewater in the Kola Peninsula. *Russian J. Ecol.*, **35**(2): 110-116.
- Vasisht, H. S. 1968. Limnological studies of Sukha lake, Chandigarh (India). *Proc. Symp. Recent. Adv. Trop. Ecol.*, pp 316-326.
- Venkataraman, K. 1990. Life-history studies on some Cladocera under laboratory conditions. *Journal of the Andaman Science Association, Port Blair*, **6**: 127-132.
- Venu, P. and Seshavatharam, V. 1984. Phytoplankton production in relation to physicochemical relation to physicochemical conditions in Lake Kondakarla. *Proc. Indian natn. Sci. Acad.*, **51**(6): 588-595.
- Verma, N., Mishra, D. D. and Dixit, S. 2006. Effectiveness of aeration units in improving water quality of Buer Lake, Bhopal, India. *Asian J. Exp.Sci.*, **20**(1): 87 – 95.
- Verma, P. K. and Munshi, D. 1987. Plankton community structure of Badua reservoir, Bhagalpur (India). *Tropical Ecology*, **28**: 200-207.
- Verma, S. R., Shukla, G. R. and Dalela, R. C. 1980 Studies on pollution of Hiudan river in relation to fish and fisheries. *Limnological (Bulletin)*, **12**(1): 33-75.
- Vijayan, L. 1995. *Handbook of Wetland Management compiled by Brij Gopal*. WWF India, New Delhi, India.

- Vijayan, V. S. 1986. On conserving the bird fauna of Indian wetlands. Proceedings of the Indian Academic Society (Animal Sciences/Plant Sciences) Supplement: 91-101.
- Vijayan, V. S. 1991. Keoladeo National Park Ecology Study – Summary Report 1980 – 1990. Bombay Natural History Society, Bombay.
- Vyas, L. N. and Kumar, H. D. 1968. Studies on the phytoplankton and other algae of Indrasagar tank, Udaipur, India. *Hydrobiologia*, **31**: 421-434.
- Walujkar, A. G. 2005. *Hydrobiological studies of Dam water from Pathardi, District: Ahmednagar (M.S.)*, PhD thesis submitted to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, India.
- Wani, I. A. 1998. Seasonal dynamics of phytoplankton in a shallow Himalayan Lake. *J. of Environ & Pollution*, **5**(2): 133-136.
- Wareborn, I. 1970. Land Molluscs and Their Environments in an Oligotrophic Area in Southern Sweden. *Oikos*, **20** (2): 461-479.
- Watanabele, T., Ketajima, C. and Fujita, S. 1993. Nutritional values of five organism used in Japan for mass propagation of fish: A review. *Aquaculture*, **34**: 115-143.
- Welch, E. B. 1986. *Ecological effects of waste water*, published by the press syndicate of the University of Cambridge, Cambridge.
- Welch, P. S. 1952. *Limnology*, 2<sup>nd</sup> Eds., McGraw Hill Book Co. Inc., New York.
- Weller, M. W. 1978. Management of freshwater marshes for wildlife. In: (eds.) *Freshwater Wetlands*. Good, R.E., Whingham, D. F. and Simpson, R. L. Ecological process and management potential. Academic Press. As Cited in Murphy, *et al.*, 1984. New York.
- Weller, M. W. 1981. *Freshwater marshes and wildlife management*. University of Minnesota Press. Minneapolis.
- Weller, M. W. 1999. *Wetland Birds*. Cambridge University Press, Cambridge.

- Welty, J. C. and Baptista, L. 1988. *The life of Birds*. 4<sup>th</sup> Eds. Saunders College Publishing by Saunders, W. B., New York.
- Wen, Y. H. 1992. Contribution of bacterioplankton, Phytoplankton, Zooplankton and detritus to organic seston load in changing flood plain Lake, China. *Arch. Hydrobiol.*, **126** : 213-238.
- Wetzel, R. G. 1975. *Limnology*, W. E. Saunders Co., Philadelphia, London, pp. 743.
- Wetzel, R. G. 1990. Land-water interfaces: metabolic and limnological regulators. Verhandlungen der international Vereinigung fur theoretische und angewandte. *Limnologie*, **24**: 6-24.
- Wetzel, R. G. 2001. *Limnology: Lakes and reservoir ecosystem* (p. 1006, 3<sup>rd</sup> edn.) Academic Press Burlington.
- Wetzel, R. G. 2006. *Limnology. Lake and River Ecosystems*, Third edition original ISBN: 0-12-744760-1.
- Wiens, J. A. 1989. *The ecology of bird communities*, Vol 1 and 2. Cambridge: Cambridge University Press.
- Williams, P., Whitefield, M., Biggs, J., Bray, S., Fox, G., Nicolet, P. and Sear, D. 2004. Comparative biodiversity of rivers, streams, ditches and ponds in an agricultural landscape in southern England. *Biol. Conserv.*, **115**: 329-341.
- Wim, V., Elie, V., Koen, S., Koenraad, V., Mieke, S., Dominic, A. H., David, G. M., Steve, J., Bart, V. V., Vivienne, J., Roger, F., Donna, R., Victor, A. C., Cathy, K., Pieter, V. and Aaike, D. W. 2007. Historical processes constrain patterns in global Diatom diversity. *Ecology*, **88**(8): 1924-1931.
- Winfried, L. 1997. Zooplankton research: the contribution of limnology to general ecological paradigms. *Aquatic ecology*, **31**: 19-27.

- Wisniewski-Santos, M. J., Rocha, O., Guntzel, A. M. and Matsumura-Tundisi, T. 2002. Cladocera Chydoridae, high altitude water bodies in Brazil. *Brazil J. Biology* **62**(4A): 681-687.
- Wolfgang, H. 2003. Long-term development of the crustacean plankton in the Saidenbach Reservoir (Germany)- changes, causes, consequences. *Hydrobiologia*, **504**: 185-192.
- Wright, D. A. 1983. Species-energy theory, an extension of species-area theory. *Oikos*, **41**: 456-507.
- Wright, J. C. 1954. The Hydrobiology of Atwood lake-A flood control reservoir. *Ecology*, **35**(3): 305-316.
- Wurtz, W. A. and Durborow, R. M. 1992. Interaction of pH, CO<sub>2</sub>, alkalinity and hardness in fish pond. SRAC fact sheets available at URL <http://www.msstate.edu/dept/srac/fslist.htm> # SRAC.
- WWDR. 2003. Water for People. Water for Life. The United Nations World Summary World Water Assessment Programme. 36.
- Yadava, Y. S., Singh, R. K., Choudhury, M. and Kolekar, V. 1987. Limnology and productivity in Dighali beel, Assam. *Tropical Ecology*, **28**: 137-146.
- Yang, L., Chang, H. T. and Huang, M. N. L. 2001. Nutrient removal in gravel and soil based wetland microorganisms with and without vegetation *Ecol. Engineering*, **18**: 91 – 105.
- Yoshitake, E. and Imahori, K. 1980. Ecological studies on microalgae in lake Yunoko. *Science report*, **29**(1): 150-158.
- Yousuf, A. R., Qadri, M. R., Mustafa, G. and Naqash, S. A. 1983. Crustacean communities of fresh waters of Kashmir. *J. Indian Inst. Sci.*, **64**: 83-89.
- Yusoff, F. M. and Patimah, I. 1994. A comparative study of phytoplankton populations in two Malaysian lakes. *Mitt. Internat. Verein. Limnol.* **24**: 251-257.

- Zafar, A. R. 1964. On the ecology of algae in certain fish pond of Hyderabad, India, physicochemical complexes, *Hydrobiologia*, **23**: 179-195.
- Zafar, A. R. 1966. Limnology of Hussain Sagar Lake, Hyderabad. India., *phykas*, **5**: 115-126.
- Zafar, A. R. 1967. On the ecology of algae in certain fish ponds of Hyderabad India III. The periodicity. *Hydrobiologia*, **30**: 96-112.
- Zutshi, D. P. 1975. Association of macrophytic vegetation in Kashmir lakes. *Vegetation*, **30**: 61-66.