

## ***BIBLIOGRAPHY***

### Bibliography

Abel P. D., 1976, "Effect of some pollutants on the filtration rate of *Mytilus*", *Mar. Pollut. Bull.*, 7, 228-231.

Acharya Subhendu, Tanusree Dutta and Manas K. Das, 2005, "Influence of sublethal ammonia toxicity on some physiological parameters of *Labeo rohita* (Hamilton-Buchanan) fingerlings" *J. Environ. Biol.*, 26(4), 615-620.

Adeniyi A. A., Yusuf K. A. and Okedeyi, 2007, "Assessment of the exposure of two fish species to metals pollution in Ogun river catchments, Ketu, Lagos, Nigeria", *Environ Monit Assess*, 10. 1007/s10661-007-9780-5.

Adham K. G., 2001, "Sublethal effects of aquatic pollution in Lake Maryut on the African sharptooth catfish, *Clarias gariepinus*", *J. Appl. Ichthyol.*, 18, 87-94.

Adhilakshmi A, Mariappan P and Sashirega J, 2004, 'Assessment of water quality of Gedilam and Pennar rivers at Cuddalore', *Indian Journal of Environmental Protection*, 24(12): 888-893.

Agarwal S. K., 1992, "Sublethal effects of mercuric chloride on some biochemical parameters of the blood in an air-breathing fish *Channa punctatus* (Bloch)", *J. Environ. Biol.*, 127-133.

Agrahari S., Krishna Gopal and Pandey K. C., 2006, "Biomarkers of monocrotophos in a freshwater fish *Channa punctatus* (Bloch)", *J. Environ. Biol.*, 27 (2), 453-457.

Amin M. A., 1972, "Large scale assessment of molluscicides copper sulphate and N-tritylmorpholine (Frescon\*) in the north group of the Giza

*Bibliography*

irrigated area, Sudan”, *Journal of Tropical Medicine and Hygiene*, 75, 169-175.

Anandraj A., Marshall D. J., Gregory M. A and McClurg T. P., 2002, “Metal accumulation, filtration and O<sub>2</sub> uptake rates in the mussel *Perna perna* (Mollusca: Bivalvia) exposed to Hg<sup>2+</sup>, Cu<sup>2+</sup> and Zn<sup>2+</sup>”, *Comp., Biochem. Physiol. C*, 132, 355-363.

Ana Picado, Bebianno M. J., Costa M. H., Ferreira A and Vale C., 2007, “Biomarkers: A strategic tool in the assessment of environmental quality of coastal waters”, *Hydrobiologia*, 587, 79-87.

Annual Environmental Report, 2004, Maharashtra Pollution Control Board

A.P.H.A (1995), Standard Method for the examination of water and waste water, American Public Health Association, Washington D. C., 15<sup>th</sup> Ed. 615 – 646.

Asolekar, 2007, “Preventive Environmental Management Plan for ecofriendly Ganpati festival”.

Baskaran S., Palanichamy P. S. and Balasubramani, 1989, “Effect of pesticides on protein metabolism in the *Mystus vittatus*”, *J. Ecobiol.*, 1 (2), 90-97.

Bayne B. L., 1973, “Physiological changes in *Mytilus edulis* L. induced by temperature and nutritive stress”, *Journal of Marine Biological Association UK*, 53, 39-58.

Bellotto V. R. and Miekeley N., 2007, “Trace metals in mussel shells and corresponding soft tissue samples: a validation experiment for the use of

*Bibliography*

*Perna perna* shells in pollution monitoring", *Anal. Bioanal. Chem.*, 389, 769-776.

Bergmeyer H.U. and Bernt E. (1965 a), "Glutamate - oxaloacetate transaminase, In: Methods of enzyme analysis", (Ed Bergmeyer) Academic Press New York 837

Bhavan P. S. and Geraldine P., 2000, "Histopathology of the hepatopancreas and gills of the prawn *Macrobrachium malcolmsonii* exposed to endosulfan", *Aquat. Toxicol.*, 50 (a), 331-339.

Bhavan Saravana P. and Geraldine P., 2002, "Carbaryl induced alterations in biochemical metabolism of the prawn, *Macrobrachium malcolmsonii*", *Journal of Environmental Biology*, 23(2), 157-162.

Boyden C. R. and Phillips D. J. H., "Seasonal variation and inherent variability of trace elements in oysters and their implication for indicator studies", *Marine Ecol. Progr.*, 5 (1), 29-40.

Brown B. E. and Newell R. C., 1972, "The effect of copper and zinc on the metabolism of the mussel *Mytilus edulis*", *Mar. Biol.*, 16, 108-118.

Bryan G. W. and Vysal H., 1978, "Heavy metals in burrowing bivalve, *Scrobicularia plana* from Tamar estuary in relation to environmental levels", *J. Mar. Bio. Ass. (U. K.)*, 58, 89-108.

Buss Daniel F., Darcilio F. Baptista, Mariana Silveira, Jorge L. Nessimian and Luis F. M. Dorville, 2002, "Influence of water chemistry and environmental degradation on macroinvertebrate assemblages in a river basin in south-east Brazil", *Hydrobiologia*, 481, 125-136.

## Bibliography

- Butterworth and Probert, Exp. Parasitol., (1970), 3, 557-65.
- Chandrvathy V. M. and Reddy S. L. N., 1994, "In vivo recovery of protein metabolism in gill and brain of freshwater fish, *Anabus scadens* after exposure to lead nitrate", *J. Environ. Biol.*, 15, 75-82.
- Chaudhari A. and Hazra S., 2003, "Trace metal accumulation in four different species of heterodont bivalve mollusks", *Ind. J. Environ. Prot.*, 23 (3), 241-245.
- Chaudhari T. R., Patil P. N., Rao K.R. and Subhash M., 1998, "Effect of Sodium pentachlorophenate on protein metabolism of the Gastropod, *Indoplanorbis exustus*", *Uttar Pradesh J. Zool.*, 18(2), 87-90.
- Cheng T. C. and Sullivan J. T., 1975, "Mode of entry, action and toxicity of copper molluscicides. In, Molluscicides in Schistosomiasis Control", Academic Press, 266.
- Das Shamik and Jana B. B., 2003, "In situ Cadmium reclamation by freshwater bivalve *Lamellidens marginalis* from an industrial pollutant fed river canal", *Chemosphere*, 52, 161-173.
- David M., Mushigeri S. B. and Prashanth M. S., 2003, "Nickel induced changes on some aspects of protein metabolism in the tissues of *Pila globosa*", *J. Environ. Biol.*, 24 (1), 69-75.
- Depledge M. H., Weeks J. M. and Bjerregaard P., 1994, "Heavy metals, In: Calow", P. (Ed.), Handbook of Ecotoxicology, Vol.2., Oxford Blackwell Scientific, London, 79-97.

### Bibliography

Dhote S, Varughese B and Misra S M , 2001, 'Impact on idol immersion on water quality of Twin Lakes of Bhopal', *Indian Journal of Environmental Protection*, 21(11):998-1005.

DuBoise and Potter (1943).

Durairaj S. and Selvarajan V. R., 1992, "Influence of quinolphos, an organophosphorus pesticide on the biochemical constituents of tissue of fish *Oreochromis mossambicus*", *J. Environ. Biol.*, 13 (3), 181-185.

Ferrando M. D. and Andrew-Moliner, 1991, "The effect of time on physiological changes in eel *Anguilla anguilla*, induced by Lindane", *Comp. Biochem. Physiol.*, 100C, (1/2), 95-98.

Fugare S. H., Deshmukh M. P., Waykar B. B. and Pardeshi B. K., 2004, "Acute toxicity of Chlorides of Zinc, Copper and Mercury to freshwater bivalve, *Parreysia cylindrical* (Annandale and Prashad)", *Nat. Envt. and Poll. Tech.*, 3(2), 147-150.

Fuge R., Palmer T. J., Pearce N J G and Perkins W T., 1993, *Appl. Geochem.*, 2, 111-116.

Garg V. K., Garg S. K. and Tyagi S. K., 1989, "Manganese induced haematological and biochemical anomalies in *Heteropneustes fossilis*", *J. Environ. Biol.*, 10 (4), 349-353.

Ghosh R. and Chatterjee, 1989, "Influence of.navan on the organic reserves of Indian freshwater murrel, *Channa punctatus*", *J. Environ. Biol.*, 10 (1), 233-237.

## Bibliography

- Ghosh R. and Shrotri R. V., 1992, "Blood glucose and tissue glycogen interrelationship in *Scylla serrata* (Forskal), chronically exposed to Thiodan", *J. Environ. Biol.*, 13 (3), 233-237.
- Giambrenini L. and Cajaraville M. P., 2005, "Lysosomal responses in the digestive gland of the freshwater mussel, *Dreissenatal polymorpha*, experimentally exposed to cadmium", *Environmental Research*, 98, 210-224.
- Goel K.A., Kalpana and Sandhya V. P., 1996, "Alachlor toxicity to a freshwater fish *Clarias batrachus*", *Curr. Sci.*, 53 (19), 1051-1052.
- Goel P. K., 1996, "Water pollution causes, effects and control", New Age International Publishers, New Delhi.
- Gokhale A. A. and Mane U. H., 1990, "Acute fluoride toxicity to the freshwater bivalve mollusc, *Lamellidens marginalis* (Lamarck)", *Ind. J. Inv. Zool and Aqua. Biol.*, 2(1), 11-14.
- Gupta K. and Sharma Arati, 2005, "Macroinvertebrates as indicators of pollution", *J. Environ. Biol.*, 26 (2), 205-211.
- Guruprasad and T. Satyanarayan, 2004, "Assessment of subsurface water quality in different regions of Sarada River basin", *IJEP*, 24 (1), 60-64.
- Hamer D. H., 1986, Metallothionein, *Annual Review of Biochemistry*, 55, 913-951.
- Harper H A., Rodwell V. W. and Mayers P. A., 1978, "A review of physiological chemistry", 16<sup>th</sup> Ed. Long Medical Publication, California, 289-325.

*Bibliography*

Hawk et al., (1965), Hawks Practical physiological chemistry, 14<sup>th</sup> Edition Ed. B. L. Oser. McGraw- Hill Book Company.Inc. New York. Toronto, London.

Heath A. B. and Pritchard A. W., 1965, "Effects of severe hypoxiaon carbohydrate energy stores and metabolism in two species of freshwater fish", *Physiol. Zool.*, 88:325.

Indira N., 1995, "Studies on the effect of phosphamidon (Dimecron) on male tree frog *Polypedates maculates* (Gray)", Ph. D. Thesis, Annamalai University, Annamalainagar, India.

Ingle S. T., Suryawanshi S. A. and Kulkarni B. G., 1994, "Effect of iron and manganese on enzymes in the freshwater bivalve, *Lamellidens corrianus* (Lea)", *Ind. J. Comp. Ani. Physiol.*, 12(1), 17-20.

Jadhav Sunita, Sontakke Y. B. and Lomte V.S., 1995, Effect of Carbaryl on protein content of freshwater bivalve *Corbicula striatella*", *Indian Journal of Comparative Animal Physiology*, 13(2), 33-35.

Jagdeesan G., 1994, "Studies on the toxic effect of mercuric chloride and the influence of antidote dimercaprol on selected tissues in *Labeo rohita* (Hamilton) fingerlings", Ph. D. Thesis, Annamalai University, Annamalainagar, India.

Jamil A., Lajtha K., Radan S., Ruzsa G., Cristofor S. and Postolache C., 1999, "Mussels as bioindicators of trace metal pollution in the Danube Delta of Romania", *Hydrobiologia*, 392, 143-158.

## Bibliography

- Jyothi B. and Narayan G., 2000, "Certain carbaryl induced protein metabolic disorders in the serum of freshwater fish *Clarias batrachus*", *Uttar Pradesh J. Zool.*, 20 (3), 199-204.
- Jyoti Anupam, Asif Ali Khan, Noorul Haque, Masroor Fatima and Barbhuyan, 1989, "Studies on the effect of Malathion on a freshwater fish, *Channa punctatus* (Bloch)", *J. Environ. Biol.*, 10 (3), 251-257.
- Karadede-Akin H. and Unlu E., 2007, "Heavy metal concentrations in water, sediment, fish and some Benthic organisms from Tigris River, Turkey", *Environ. Monitor. Assess.*, 131, 323-337.
- Karan V., Victorovic S., Tutundzvic V. and Poleksic V., 1998, "Functional enzyme activity and gill histology of carp after copper sulphate exposure and recovery", *Ecotoxicol. Environ. Safety*, 40, 49-55.
- Karuppasamy R., 2000, "Effect of Phenyl mercuric acetate on carbohydrate content of *Channa punctatus*", *Uttar Pradesh J Zool.*, 20(3), 219-225.
- Kasthuri J. and Chandran M. R., 1997, "Sub lethal effect of lead on feeding energetics, growth performance, biochemical composition and accumulation of the estuarine catfish, *Mystus gulio* (Hamilton)", *J. Environ. Biol.*, 18(1), 95-101.
- Knox W. E. and Greengard O., 1965, "The regulation of some enzymes of nitrogen metabolism: An introduction to enzyme physiology", *Adv. Enzy. Regul.*, 3, 247-313.
- Kolhapur District Gazetteer, 2004.

### Bibliography

Kolmer J. A., Spaulding E. H. and Robinson H. W., 1951, "Approved Laboratory techniques", *Appleton Century Crofts Inc.*, New York, 1028.

Koul V. R., Zutshi D. P. and Dubey K. P., 1998, "Trace metal concentrations in some Kashmir Himalayan lakes", *Water, Air and Soil Pollution*, 39, 237-245.

Krishnamohan P. K., Indira and Rajendra W., "Protein degradation in functionally different muscles of rat during exhaustive exercise", *J. Exp. Biol.*, 23, 655-657.

Kulkarni B. G. and Kulkarni R. G., 1989, Hematological responses of the Crab *Scylla serrata* (Forskål) to Malathion exposure, *J. Environ. Biol.*, 10(4), 367-372.

Langston W. J., Bebianno M. J. and Burt G. R., 1998, Metal handling strategies in mollusks. In: Langston W. J., Bebianno M. J. (Eds.), Metal metabolism in Aquatic Environments. Chapman and Hall, London, 185-217.

Leland H. V. et al., 1999, "Transport and distribution of trace elements in a watershed ecosystem", *In Environment*, Ed. W. R. Boggess and B. G. Wixson, Castle House Publication, 105-134.

Lomate V. S. and Chaudhari T. R., 1990, "Impact of pesticides on cholesterol content from soft tissue of freshwater snail, *Bellamya (viviparous) Bengalensis* (L)", *Ind. J. Inv. Zool. And aqua. Biol.*, 2 (2), 16-19.

Lowry O. H., N. J. Rosenbrough, A.L. Farr and Randall, (1951). *J. Biol. Chem.*, 193,265-75.

## Bibliography

- Madgwick F. J., 1999, "Strategies for conservation management of lakes", *Hydrobiologia*, 395/ 396. 309-323.
- Madhuri T. U., Srinivas T., Jyothi E and Suneetha Rani T, 2004, "Status of subsurface water quality in relation to some physicochemical parameters-Astudy in Visakhapatnam", *IJEP*, 24 (1), 11-13.
- Mandal Rathindra Nath, Kuldeep Kumar, U. L. Mohanty and P. K. Mehel, 2007, "Estimation of gut contents of freshwater mussel, *Lamellidens marginalis* L.", *Aquaculture Research*, 38, 1364-1369.
- Mane V. H., Akarte S.R. and Kulkarni D. A., (1986), "Acute toxicity to fenithion to freshwater Lamellibranch mollusk, *Indonaia caeruleus* from Godavari river at Paithan- A biochemical approach", *Bull. Environ. Contam. Toxicol.*, 37, 622-628.
- Manohar S, Chhotu Jadia and Fulekar M H, 2006, "Impact of Ganesh idol immersion on water quality", *Indian Journal Environmental Protection*, 27(3): 216-220.
- Marriappan P. et al., 1999, "Water quality in drinking water ponds (oorany) in eastern part of Sivagangai district, Tamilnadu", *J Ind. Water Works Assc.*, 32 (2), 125-129.
- Martin J. H., Flegal A. R., 1975, "High copper concentrations in squid livers in association with elevated levels of Ag, Cd and Zn", *Marine Biology*, 30, 51-55.
- Mathur S P and Maheshwari N, 2005, "Physicochemical aspect of pollution in Chambal river", *Indian Journal of Environmental Protection*, 25 (10): 933-937

## Bibliography

Mc Leay D. J. and Brown A. D., 1979, "Effect of acute exposure to bleaching craft pulp mill effluent on carbohydrate metabolism of juvenile Coho salmon, *Oncorhynchus kisutch* during rest and exercise", *J. Fish Res. Bd.*, Canada, 32 (6), 753-760.

Meenakshi V. and Pugazhendhi K., 1998, "Toxicity of mercuric chloride to the fingerlings of freshwater fish *Cyprinus carpio* (Linn.)", *Uttar Pradesh J Zool.*, 18 (3), 145-148.

Meenakshi V., Indira N., Pugazhendhi , 1998, "Influence of Zinc sulphate on the freshwater edible fish, *Labeo rohita* (Hamilton) fingerlings", *Uttar Pradesh J. Zool.*, 18(3), 181-183.

Mukhopadhyay P. K., Mukharji A. P. and Dehadri P. V., 1982, "Certain biochemical responses in the air breathing catfish *Clarias batrachus* exposed to sublethal Carbafur'an", *Toxicol.*, 23, 337-345.

Muley D. V. and Mane U. H., 1995, "Endosulfan toxicity to freshwater mussel *Lamellidens marginalis* and pH induced changes- A biochemical approach", *Ind. J. Comp. Ani. Physiol.*, 13(1), 21-26.

Nair Sarala S. and Tresa Radhakrishnan, 2005, "Combined toxicity of Copper and Zinc to freshwater mussel, *Lamellidens marginalis*", *J. Ecobiol.*, 17(3), 279-282.

Nakano T. and Thomson N., 1967, "Catecholamines and carbohydrate concentrations in rainbow trout (*Salmo gairdneri*) in relation to physiological disturbance", *J. Fish. Res. Board, Canada*, 24, 1701-1704.

## Bibliography

- Nanda Prasanta, Panda B. N. and Behera M. K., 2000, "Nickel induced alterations in protein level of some tissues of *Heteropneustes fossilis*", *J. Environ. Biol.* 21 (2), 117-119.
- Narvia M. and Rantamaki P., 1997, "Aminotransferases in the bivalve mollusks *Mytilus edulis* L.: Short tem effects of crude oil in brackish water", *Biomarkers*, 2, 253-258.
- Oyewo E. O. and K.N. Don- Pedro, 2006, "Acute toxicity and induced weight changes in Laboratory tests with Mn and Cu against *Tilapia guineensis* (Dumeril) and *Tympanotomus fuscatus* (Linne)", *J. Environ. Biol.*, 27 (2), 327-334.
- Paka S and Rao A N, 1997, 'Interrelationships of physicochemical factors of a pond', *Journal of Environmental Biology*, 18(1), 67-72.
- Patil Dnyaneshwari and Dongare Meena, 2006, "Effect of Ganesh idol immersion on water quality of some lakes of Kolhapur (Maharashtra)", *J. Ecobiol.*, 19 (3), 253-256.
- Patil P. S., Choudhari M. V., Tantarpale V. T. and Kulkarni K. M., "Effect of organophosphorus pesticide (Malathion) on the acid and alkaline phosphatase activity of the fish *Rasbora daniconius* (Ham)", *Ind. J. Inv. Zool. Aqua. Biol.*, 2 (2), 34-37.
- Pattnaik Sophia, Chainy G B N and Jena J. K., 2007, "Characterization of  $\text{Ca}^{2+}$ -ATPase activity in gill microsomes of freshwater mussel, *Lamellidens marginalis* (Lamarck) and heavy metal modulations", *Aquaculture*, 270, 443-450.

*Bibliography*

Phillips D. J. H. and Rainbow P. S., 1994, "Biomonitoring of trace aquatic contaminants", Chapman and Hall, London.

Piska R. S., Waghray, Sarala Devi and Indira, 1992, "The effect of sublethal concentration of synthetic pyrethroid, cypermethrin to the common carp *Cyprinus carpio* (Linn) fry", *J. Environ. Biol.*, 13, 89-94.

Price G D and Pearce N J G, 1997, *Mar. Pollut. Bull.*, 34, 1025-1031.

Radhakrishnaiah K., 1988, "Accumulation of copper in the organs of freshwater fish, *Labeo rohita* (Hamilton), on exposure to lethal and sublethal concentrations of copper", *J. Environ. Biol.*, 9 (3), 319-326.

Rainbow P. S., 1995, "Biomonitoring of heavy metal availability in the marine environment", *Mar. Pollt. Bull.*, 31,183-192.

Rajalakshmi S. and Mohandas A., 2005, "Copper induced changes in tissue enzyme activity in a freshwater mussel", *Ecotoxicol. Envt. Safty*, 62, 140-143.

Rajamannar K. and Manohar L., 2000, "Gluconeogenic suppression antagonistic to elevated transamination in *Labeo rohita* under pesticide stress", *J. Ecobiol.*, 12 (3), 205-216.

Rajasubramaniam V., 2006, "Differential toxicity of tetravalent and hexavalent selenium in the freshwater teleost fish", *J. Ecobiol.*, 19 (3), 219-224.

Ramalingam K. and Subramaniam S., 2000, "Significance of differential distribution of lactate and lactate dehydrogenase activity in the muscular regions of *Scylla tranquebarica*", *J. Ecobiol.*, 12 (3), 229-232.

## Bibliography

- Ramalingam K., 1990, "Biochemical constituents as stress indicators in fishes", *Uttar Pradesh J. Zool.*, 10 (2), 152-157.
- Ramalingam K. and Indra D., 2002, "Copper sulphate (CuSO<sub>4</sub>) toxicity on tissue phosphatases activity and carbohydrates turnover in *Achatina fulica*", *J. Environ. Biol.*, 23(2), 181-188.
- Rao C.B., 1953, "The distribution of algae in a group of small ponds", *J Ecol.*, 41, 62-71.
- Rao P. M., Rao G. V. and Bebbi S. K., 2005, "Heavy metal transport in Kolleru Lake basin", *IJEP*, 25 (10), 899-904.
- Rao S. K., Moorthy K. S., Reddy B. K., Swami K. S. and Chetty C. S. R., 1987, "Effect of benthicarb on protein metabolism of freshwater teleost fish, *Sarotherodon mossambicus*", *J. Environ. Biol.*, 8, 1-8.
- Rasool Syeda, Harakishore K, Satyakala M and Murty S, 2003, "Studies on the physicochemical parameters of Rankala lake, Kolhapur", *Indian Journal of Environmental Protection*, 23(9): 961-963
- Rath P., Bhatta D., Sahoo B. N. and Panda U. C., 2000, "Multivariate statistical approach to study physico-chemical characteristics in Nandira Brahmani River, Angul-Talcher Belt, Orrisa, India", *Poll. Res.*, 19 (4), 701-710.
- Reddy A. T. and Yellamma K., 1991, "Cypermethrin induced changes in nitrogen metabolism of fish, *Tilapia mossambica*", *Biochemistry Int.*, 23, 649-654.

## Bibliography

- Reddy M. S. and Char V. V., 2006, "Management of Lakes in India", *Lakes and Reservoirs: Research and Management*, 11, 227-237.
- Reddy M V and A Vijaykumar, 2001, "Effects of Ganesh idol immersion on some water quality parameters of Hussainsagar Lake", *Current Science*, 81(11), 1412-1413.
- Reddy Sathyavellu K., Lokanatha V., Rajendra W. and Indira K., 1994, "Hydromineral balance in *Lamellidens marginalis* under methyl parathion stress", *Ind. J. Comp. Ani. Physiol.*, 12 (2), 49-53.
- Regoli F., Nigro M. and Orlando E., 1998, "Lysosomal and antioxidant response to metals in the Atlantic scallop *Adamuscium cobbecki*", *Aquatic Toxicology*, 40, 375-392.
- Reitmann and Frankel, 1957, "Colorimetric method for the determination of serum transaminase activity", *Am. J. Clin. Pathol.*, 28, 56-63.
- Satyaparameshwar K., Ravinder Reddy T. and Vijaya Kumar N., 2006, "Study of carbohydrate metabolism in selected tissues of freshwater mussel, *Lamellidens marginalis* under copper sulphate toxicity", *J. Environ. Biol.*, 27 (1), 39-41.
- Satyaparameshwar K., T. Ravinder Reddy and Vijaya Kumar, 2006, "Effect of chromium on protein metabolism of freshwater mussel, *Lamellidens marginalis*", *J. Environ. Biol.*, 27 (2), 401-403.
- Schrap Marca S., 1991, "Bioavailability of organic chemicals in the aquatic environment", *Comp. Biochem. Physiol.*, 100 C, 1 (2), 13-16.

## Bibliography

- Seifer S., S. Dayton, B. Novic and Mount Woylen, "Estimation of glycogen with Anthrone reagents", *Arch. Biochem.*, (1950), 25, 191-200.
- Sharma Hardeep R., Gupta Asha and Trivedi R.C., 2000, "Heavy metal concentrations in benthic macro-invertebrates from Yamuna Canal", *J. Environ. Biol.*, 21 (2), 95-99.
- Singh H. S. and Reddy T. V., 1990, "Effect of acid stress ( $\text{pH } 4\pm0.2$ ) on haematology, blood chemistry and hepato-somatic indices of a freshwater catfish, *Heteropneustes fossilis* (Bloch)", *Uttar Pradesh J. Zool.*, 10 (2), 174-179.
- Sinha D. K., Shilpi Saxena and Ritesh Saxena, 2004, "Ram Ganga river water pollution at Moradabad- A physicochemical study", *IJEP*, 24 (1), 49-52.
- Sivakumari K., Manavalaramanujam R., Ramesh M and Lakshmi R., 1997, "Cypermethrin toxicity: Sublethal effects on enzyme activities in a freshwater fish, *Cyprinus carpio*", *J. Environ. Biol.*, 18 (2), 121-125.
- Spicer John and Weber R. Y., 1991, "Respiratory impairment in crustaceans and mollusks due to exposure to heavy metals", *Comp. Biochem. Physiol.*, 100 C (3), 339-342.
- Srivastava R. K. and Seema Srivastava, 2003, "Assessment of water quality of river Gaur at Jabalpur", *IJEP*, 23 (3), 282-285.
- Subramanian Rajalakshmi and Ambat Mohandas, 2007, "Impact of mercury on the activity pattern of a marker enzyme in a freshwater bivalve", *Environmentalist*, 10.

### Bibliography

Sundaray S. K., Panda V. C., Nayak B. B. and Bhatta D., 2006, "Multivariate statistical techniques for the evaluation of spatial and temporal variations in water quality of the Mahanadi river-eustuarine system (India)- A case study", *Environmental Geochemistry and Health*, 28, 317-330.

Syversen T. L. M., 1981, "Effects of methyl mercury on protein synthesis invitro", *Acta Pharmacol. Ed. Toxicol.*, 49 , 422-426.

Tilak K. S., Veeraiah K. and Lakshmi Jhanshi S., 2002, "Studies of some biochemical changes in the tissues of *Catla catla* (Hamilton), *Labeo rohita* (Hamilton) and *Cirrhinus mrigala* (Hamilton) exposed to NH<sub>3</sub>-N, NO<sub>2</sub>-N and NO<sub>3</sub>-N", *Journal of Environmental Biology*, 23(4), 377-381.

Tort L., Flos R. and Balasch J., 1984, "Metabolic levels in dogfish tissue after zinc treatments", *Rev. Esp. Fisiol.*, 40, 149-152.

Toxic Links, 2000, Factsheet No.10

Tulasi S. j., Rafath Yasmeen and Ramana Rao, 1992, "Biochemical changes in the haemolymph of the freshwater field crab, *Barytelphusa guerini* on exposure to organic and inorganic lead", 13 (3), 261-271.

Vasantha R. , Baskaran P. and Palanichamy S., 1990, "Influence of carbofuron on growth and protein conversion efficiency in some freshwater fishes", *J. Ecobiol.*, 2 (1), 85-88.

Veeraiah K. and Prasad M K D, 1998, "Study on the toxic effects of cypermethrin (technical on organic constituents of freshwater fish, *Labeo rohita* (Ham.)", *Proc. Acad. Environ. Biol.*, 7,143-148.

## Bibliography

- Viarengo A., Mancinelli G., Pertica M., Fabbri R. and Orenesu M., 1993, "Effect of heavy metals on the Ca<sup>2+</sup>-ATPase activity present in gill cell plasma membrane of mussel *Mytilus galloprovincialis*", *Comp. Biochem. Physiol. C, Comp. Pharmacol. Toxicol.*, 106, 655-660.
- Vijayalakshmi K. and Motlag D. B., 1992, "Biochemical changes in mitochondria during chronic perchlorate toxicity", *J. Environ. Biol.*, 13 (2), 149-158.
- Villilan P., Narayanan K. R., Ajmalkhan S. and Natarajan R., 1988, "Proximate composition of muscle, hepatopancreas and the gill in the copper exposed estuarine crab, *Thalamita crenata* (Latreilla)", *Proc. Ind Nat. Symp. Ecotoxicol.* Deptartment of Zoology, Annamalai University, India.
- Vincent S., Ambrose T., Cyril Arunkumar L. and Selvanagam M., 1995, "Biochemical response of the Indian major carp *Catla catla* (Ham.) to chromium toxicity", *Ind. J. Environ. Hlth.*, 37 (3), 192-196.
- Walavalkar V A and Tekale Nagesh , 2004, "Impact of environmental awareness campaign on 'Ganapati' idol immersion activity in Masunda lake, Thane city", *Proc. Pollution of water bodies in urban areas.*
- Watling H. R. and Watling R. J., 1982, "Comparative effects of metals on the filtering rate of the brown mussel (*Perna perna*)", *Bull. Environ. Contam. Toxicol.*, 29, 651-657.
- Widdows John and Donkin Peter, 1991, "Role of physiological energetics in ecotoxicology", *Comp. Biochem. Physiol. C*, 100 C, 1 (2), 69-75.
- Yap C. K., Ismail A., Tan S. G. and Abdul Rahim I., 2003, *East Coast Shelf Sci.*, 57, 623-630.