

Bibliography

BIBLIOGRAPHY

- 1 Agarwal,V.S. 1986 In "Economic plants of India", pp. 146. Botanical Survey of India, Kailash Prakashan, Calcutta.
- 2 Agarwal V.S. and Ghosh, B. 1985 Drug Plants of India (Root drug) edited by V.S.Agarwal, Botanical Survey of India, Botanical Garden Howrah. Kalyani Publishers, New Delhi.
- 3 Ahmed, Ghulfran. 1984 Pathology of a gill in a fresh water Cat fish, Mystus vittatus (Bl) exposed to Sublethal and chronic levels of a dye-methylene blue Pollut, Res., 3(1), 17-20.
- 4 Amminikutty,C.K. and Rege, M.S. 1977 Acute and chronic effect on Thiodon 35 E.C. and Aggallol "3" on kidney, stomach and intestine of widow tetra, Gymnocorymbys tetracanthus (Boulenger). India J.Exp.Biol., 16 N 202-205.
- 5 Anonymous. 1966 In: "Pharmacopoeia of India" Ministry of Health, Government of India, New Delhi, 2nd ed., 1966, p. 295.
- 6 Aquatic Life Advisory Committee. 1955 Aquatic life water quality criteria. "Fresh water fishery biology" edited by Karl,F. Lagler page 213. W.M.C.Brown Company Publisher's Dubuque, Iowa.
- 7 Applegate,V.C.; Howell,J.H.; Hall,A.E.; Moffett,J.W., Johnson,B.G.H. and Smith,M.A. 1961 Use of 3-trifluoromethyl-4-nitrophenol as a selective sea lamprey larvicide. Tech.Rep. Gt. Lakes Fish Commn. 1, 35.
- 8 Babu,N. 1965 Observation on the toxicity of the seed of Croton tiglium Linn on predatory and Weed fishes. Sci.Cult. 31(6) : 308-310.
- 9 Bakthavathsalam,R. and Y.Srinivasa Reddy. 1982 Changes in the content of glycogen and its metabolites during acute exposure of Anabas testadineus (Bl) to furadan. J. Bio-science, 4, 19-24.
- 10 Baldwin,N.S. 1969 Sea lamprey in the great lakes. Great Lakes Foundation, Lemnos Mag.1,No.3,8pp.

- 11 Bark,T. and Anderson,A.J. 1965 In: Histochemistry : Theory Practice and Bibliography. Harper and Row Publisher,S.Tnc. New York.
- 12 Barrackpore 1968 In "Central Inland Fisheries Research Institute Page 93.
- 13 Barrackpore 1969 In "Central Inland Fisheries Research Institute Page 114.
- 14 Bayer. 1973 In: Pesticides and fresh water fauna: chemical control of freshwater snails in public health, 99-118, Edited by R.C.Muirhead-Thomson Academic Press, London.
- 15 Berger,B.L.; Lennon,R.E. and Hogan,J.W. 1969 Antimycin A - A selective piscicide Pesticides and fresh water fauna page 74 edited by R.C. Mulrhead-Thomson. Academic Press London and New York.
- 16 Bhatia, H.L. 1970 Use of Mahua oil cake in fishery management. Indian Fmg 20(4) : 39-40.
- 17 Bhosale,T.M. 1988 "Studies on Saphindus laurifolius (Vahl.) toxin in the control of undesirable fish". M.Phil. dissertation, Shivaji University,Kolhapur.
- 18 Bhuyan,B.R. 1967 Eradication of unwanted fish from ponds by using indigenous plant fish poisons. Sci.Cult. 32(2) : 82-83.
- 19 Bhuyan,B.R. 1969 A note on the uses of Croton tiglium Linn. seed as fish poison in ponds. J.Bombay Nat. Hist.Soc. 65: 236-240.
- 20 Boyd,C.E. and Fergusson,D.E. 1964 Spectrum of cross resistance in the mosquito fish Gambusia affinis.Mosquito News 24:19-21.
- 21 Brown,V.M., Shruben,D.G. 1972 Personal communication to European Inland Fishery Advisory Commission, Technical Paper No.15, Rome.
- 22 Bucke,D. 1971 The anatomy and histology of the alimentary tract of the carnivorous fish, the pike Esox lucius. J.Fish. Biol. 421-431.
- 23 Burmakin,E.V. 1968 Chemical methods of lake rehabilitation and preparation of new fish fauna in lakes. 1st and 2nd group fellowship study tours on inland fisheriesd research management and fish culture in the USSR, 1965-66.

- 24 Burress,R.M. and Luhning,C.W. 1969 Use of antimycin for selective thinning of sun fish populations in ponds. Invest. Fish Control. 28 : 1-10.
- 25 Butt,A.J. and Hauser,E.A. 1952 The importance of protective urinary colloids in the prevention and treatment of kidney stones. Science 115 : 308-310.
- 26 Calcutta- 1954 Central Inland Fisheries Research Station, Calcutta. Rep. Cent. Inl.Fish. Res. Stn. Calcutta : 18 p.
- 27 Cardwell,R.D.; Foreman, D.G.; Payne,T.R. and Wilbur,D.J. 1976 Acute toxicity of selected toxicants to six species of fish. US EPA 600/3-76-008, 177 pp.
- 28 Chakraborty,D.P.; Nandy,A.C. and Phillipose,M.T. 1972 Barringtonia acutangula (L.) Gaertn as a fish poison. Indian J.Exp.Biol. Vol.10, 78-80.
- 29 Chatterjee,K.; Nandi,I. and Konar,S.K. 1983 Lethal effects of phenol on fresh water cat fish, Heterophenustes fossilis. Environ. and Ecol., 1 : 203-204.
- 30 Chaturvedi,L.D. and Saxena,U.P. 1978 Histopathological lesions in the liver and kidney of Channa punctatus after short term and long term exposure to lindane and Malathion. Abst. Symp.Environ.Biol.Muzaffarnagar,India, pp.41.
- 31 Chaudhuri,H. 1960 Contributions to the techniques of pond fish culture in India. Unpublished D.Phil.Thesis, Univ. of Calcutta, Calcutta.
- 32 Chimitz,P. 1955 Tilapia and its culture. A preliminary bibliography, FAO Fish. Bull. 8(1).
- 33 Chopra,R.N., Badhwar, R.L. and Ghosh, S. 1949 Poisonous Plants of India. Vol. I, 762. Government of India Press, Delhi.
- 34 Chopra,R.N., Badhwar,R.L. and Chopra,I.C. 1965 Poisonous plants of India. I.C.A.R., New Delhi (Govt. of India Publication), Vol.II.
- 35 Chopra,R.N. and Chopra,I.C. 1955 A Review of work of Indian medicinal plants (including indigenous drugs and poisonous plants). Indian Council of Medical Research, special report series No.30 New Delhi.
- 36 Chopra,R.N.,Chopra,I.C. Handa,K.L. and Kapur,L.D. 1958 Chopra's Indigenous Drugs of India (U.N.Dhur & Sons Pvt.Ltd., Calcutta), 2nd Edi.
- 37 Chopra,R.N.,Chopra,I.C. and Varma,B.S. 1969 Suppliment to glossary of Indian Medicinal Plants. (Publications & Information Directorate, Hillside Road, N.Delhi.12.

- 38 Chowdhury,N.K. 1968 Role of mahua (Bassia latifolia) oil cake in the management of fish seed farm. Paper presented at the seminar on production of quantity fish seed for fish culture. Central Inland Fisheries Research Institute, Barrackpore (Suppl.Abstract)
- 39 Dalela,R.C.; Bhatnagar,M.C. and Tyagi,A.K. 1979 Histological damage of gills in Channa gachua after acute and subacute exposure to endosulfan roger. Microscopie (11/12) 301-307.
- 40 Das, P.R. 1969 Piscicidal plants. J.Indian Pharm. Mfr., Vol.7 page 197.
- 41 Degens,P.N.; Zee,H.V.; Kommer,J.D. and Kamphlus,A.H. 1950 Synthetic detergents and sewage processing part 5. The effect of synthetic detergents on certain water fauna. J.Inst.Sew.Pur. 1: 63-68.
- 42 Devi,R. 1986 Ph.D.Thesis, Madras University.
- 43 Dubale,M.S. and Shah, P. 1979 Histopathological lesions induced by Malathion in the liver of Channa punctatus. Comp. Physiol. Ecol., 9(3) : 238-244.
- 44 Dubale,M.S. and Shah, P. 1984 Toxic effects of melathion on the kidney of fresh water Teleost channa punctatus. Comp. Physiol. Ecol. 14: 147-152.
- 45 Edward,R.W. and Brown, U.M. 1967 Pollution and fisheries. A progress report on water pollution control. J.WPFC 66:63-78.
- 46 Eller, L.L. 1971 Histopathologic lesions in cut throat Trout (Salmo-clarki) exposed chronically to the insecticide Endrin. Amer.J.Path. 64, 321-336.
- 47 Ellis,M.M. 1936 Effects of pollution on fish. Trans. Ist N.Amer. Wildlife Confr., pp.564-567.
- 48 Florely, H.W. 1962 The Secretion and function of intestinal mucus. Gastro-enterology, 43 : 326-330.
- 49 Gazetteer of India. 1953 Gazetteer of Bombay State (revised series) vol.A. Part I, Botany medicinal plants, Govt. Central Press, pp. 187-188.
- 50 Geoffrey, 1985 In : Pesticides : Role of indigenous plant material in pest control, 32-38.
- 51 Gomori, G. 1950 Aldehyde-fuchsin : A new stain for elastic tissue. Amer. J.Clin.Path. 20, 665-666.

- 52 Gosalvez,M.; Diazgil,J.; Colma,J. and Salganicoff, L. 1977 Spectral and metabolic characteristics of mitochondrial fractions from Rotenone-induced tumours. *Br.J.Cancer* 36: 243-253.
- 53 Gosalvez,M. and Merchan,J. 1973 Induction of rat mammary adenomas with the respiratory inhibitory rotenone. *Cancer Res.* 33 : 3047-3050.
- 54 Gottschalk,A. 1960 The Chemistry and Biology of sialic acid and related substances. Camb.Univ.Press, London.
- 55 Gunasekera,S.P.; Cordwell,G.A. and 1979 Potential anticancer agents XIV Isolation of spruceanol and montanin from Cunuria spruceana (Euphorbiaceae). *J.Nat.Prod.* 42: 658-662.
- 56 Gunasekera,S.P.,Kinghorn, A.D.; Cordwell,G.A., and Farnsworth, N.R. 1981 Potential anticancer agents. XIX. Constituents Aquilaria malaccensis. *J.Nat.Prod.* 44:569-572.
- 57 Gupta,A. and Singh,C.P. 1982 Histopathological changes in different tissues of Trichogaster fasciatus under the acute impact of BHC. *Toxicological Lett.(AMST)* 14 (3/4) 151-156.
- 58 Halmi,N.S. and Davies,J. 1953 Comparison of Aldehyde Fuchsin staining metachromasia and periodic acid Schiff reactivity of various tissues. *J.Histochem.Cytochem.*,1:447
- 59 Haniffa,H.A. and Sundarrav Nadhanam,S. 1984 Effect of distillery effluent on histopathological changes in certain tissues of Barbus stigma J. *Environ. Biol.* 5(1) : 57-60.
- 60 Harold,R. 1987 Studies on Lasiosiphon eriocephalus (Decaisne) toxin in the control of undesirable fish. M.Phil. thesis, Shivaji University, Kolhapur.
- 61 Hecker,E. 1978 Structure-activity relationships in diterpene esters irritant and cocarcinogenic to mouse skin. In: *Cocarcinogenesis*, Vol.2:Mechanism of Tumor promotion and cocarcinogenesis, J.J.Sлага A.Sivak and R.K.Boutwell (Eds) Raven Press, New York, pp. 11-48.
- 62 Henderson C. and Pickering,Q.H. 1958 Toxicity of organic phosphorus insecticides to fish, *Trans.A.M.Fish Soc.* 81: 39-51.
- 63 Henderson,C.; Pickering,A.H. and Tarzwell, C.M. 1960 The toxicity of organic phosphorous and chlorinated hydrocarbon insecticides to fish. Biological problems in water pollution. *Trans.2nd Semin. Biol. Problems in Water Pollut.* Cicinnaki, 1959 pp. 76-88.

- 64 Hirota,M., Ohigashi,H.; Dki,Y. and Koshimizu,K. 1980 New ingenol esters as piscicida constituents of Euphorbia continifolia. Agri.Biol.Chem.49: 1351-1356.
- 65 Hoar, W.S. 1965 Gen. and Comp. Physiology. Edited by Prentice Hall, Englewood Cliffs.
- 66 Holden, A.V. 1964 The possible effects on fish of chemicals used in agriculture. Inst.Sewage purif.,361-368.
- 67 Hooper, F.F. 1960 Populations control by chemicals and some resulting problems in water pollution. Trans. 2nd Semin. Biol.problems in wat. pollut. Cincinnati, 1959 pp. 241-246.
- 68 Hora,S.L. and Pillay, T.V.R. 1962 In: Fish and Fisheries of India,661-723 Edited by Dr.V.G. Jhingran. Hindustan Publishing Corporation (India).
- 69 Horgan,D.J.,Singer,T.P. and Cassida,T.E. 1968 Plant toxins block NAD-dehydrogenase segment of the mitochondrial respiratory Chain. J.Biol. Chem. 243, 83-84.
- 70 Hotchkiss, R.O. 1948 Arch. Biochem., 16, 131.
- 71 Hughes, G.M. 1979 Scanning electron microscopy of the respiratory surfaces of trout gills. J.Zool.London, 187 : 443-453.
- 72 Hughes,G.M. and Munshi, J.S.D. 1979 Fine structure of the Gills of some Indian Air-breathing fishes. J.Morph. 160 : 169.
- 73 Ingale,S.R. 1981 Studies on the mucus from the integument and gills of fishes. Ph.D. thesis, Shivaji University, Kolhapur (M.S.), India.
- 74 Jensen,D. 1976 The principles of physiology. Appleton-Century Crofts. A publishing division of Prentice Hall Inc. New York, NY 10017.
- 75 Jhingran,V.G. 1968 Fish and fisheries of India page No.678-732. Hindustan Publishing Corporation(India),Delhi.
- 76 Johnson,W.C. 1966 Toxaphane treatment of big Bear Lake, California, Calif. Fish.Game 52,173-9.
- 77 Joshi, P. 1986 Fish stupefying plants employed by tribals of Southern Rajasthan. A probe. Current Science, 55(14) : 647-650.
- 78 Kanasaki,T. and Ohta, K. 1976 Isolation and identification of Cestrum Hololeuca as a piscicidal component of Marchantia polymorpha Agri. Biol.Chem. 40, 1239.



- 79 Kaushik,N. and Kapoor, B.G. 1976 Location of polysaccharides in the post-oesophageal tract of the Cirrhana mrigala (HAM). A preliminary observation. Gebios. 3 : 179-180.
- 80 Khera,I.S.; Whalen,C. and Angers, G. 1981 Teratogenicity study on pyrethrins and rotenone (of natural origin) and ronnel in pregnant rats Teratology 23 : 45A.
- 81 Kim,Y.S.; Linton,J.R. and Martin,D.F. 1974 Hemolysis of Rabbit and Mullet Red cells by Gymnodinium breve toxin. Toxicon 12(4) : 439-441.
- 82 Kiptoon,J.C.; Mugera,G.M. and Waiyaki,P.G. 1982 Hematological and biochemical changes in cattle poisoned by Gnidia latifolia Synonym Lasiosiphon latifolius (Thymelaeaceae). Toxicology 25(213): 129-140.
- 83 Kischner, L.B. 1978 Alfred Benzon Symp. XI Manksgaard, pp.309.
- 84 Konar,S.K. 1969 Piscicidal plants. Sci. Cult.,25(7):340-341.
- 85 Kumar,S. and Pant,S.C. 1981 Histopathologic effects of acutely toxic levels of copper and zinc on gills, liver and kidney of Puntius conchonius. Ind.J.Exp.Biol.191-194.
- 86 Lagler,K.F. 1952 Pollutants-Mucus-gills. Fresh water fisher biology, editor Karl F.Lagier, p.202-213. W.M. C.Brown Company Publishers, Dubuque Iowa.
- 87 Lagler,K.F.; John,E.; Miller,P.R.,Dora,R. and May, P. 1977 Ichthyology Second Edn., John Wiley and Sons, New York.
- 88 Lal,M.B. and Virdi,G.S. 1972 A study of the piscicidal properties of Acorus calamus Linn. Gurukul Kangari University. J.Sci. Res., 3 : 59-64.
- 89 Langer,K.F.,Bardach,J.E. Miller,R.R. 1962 In: Ichthyology, John Wiley and Sons, Inc. New York, 365-369.
- 90 Leino,R.L. and McCormin, J.H. 1984 Morphological and Morphometrical changes in chloride cells of the gills of Pimephales promelas after exposure to acid water. Cell Tissue. Res., 236(1) : 121-128.
- 91 Leve,R. and Spicer, S.S. 1964 Specific staining of sulfate groups with alcian blue at low pH. J.Histochem. Cytochem., 12 : 309.
- 92 Lillie, R.D. 1954 Histopathologic Technique and practical histochemistry. Blakiston, New York.

- 93 Lindhal, P.E. and Oberg,K.E. 1960 Plant toxins block NAD-dehydrogenase segment of the mitochondrial respiratory chain. *Exp. Cell. Res.* vol. 23, page 228.
- 94 Lison, L. 1960 Histochemie et cytochemie Animales. Principles et methods. 2nd Edn. Gauthier-villars.
- 95 Longley,J.B.; Burtner,H.J. and Honis,B. 1963 Mucous substances of excretory organs. A comparrative study. *Ann. N.Y.Acad.Sci.* 106: 493-501.
- 96 Longley,J.B. and Fisher,E.R. 1954 Alkaline phosphatase and the periodic acid Schiff reaction in the proximal tubule of verteberate kidney. *J.Histochem. Cytochem.* 2 : 439.
- 97 Longley,J.B. and Fisher,E.R. 1956 Alkaline phosphatase and periodic acid Schiff reaction in the proximal tubule of vertebrate kidney. A study in the segmental differentiation. *Anat. Rec.* 120, 1-22.
- 98 Lopez, E. 1981 Hydrocarbon contaminated eels after the wreck of Amoco cadiz. Histopathologic modifications of ovaries and gills and endocrine glands. *C.R. Seances Acad.Sci.Ser.III Sci.VIE* 292(5):407-412.
- 99 Luk'yanov,A.S.; Sidorov,S.S. and O.Yu. Frolov 1984 Optomotor reaction of the carp Cyprinus carpio (Cyprinidae) in Phenol intoxication. *Voprikhtiol.* 24(2) : 316-320.
- 100 Marking,L.L. and Hogan,J.W. 1967 Toxicity of Bayer 73 to fish. *Invest. Fish Control* no.19 Resource publication No.36 U.S.Dept. of the Interior, Bureau of Sports, Fisheries and Wildlife Resources.
- 101 Marsh,C.D. 1983 Plant and Fungal Toxins. Handbook of Natural Toxins Volume I ed. by Richard F.Keeler and Anthony T.Tu.Marcel Dekker Inc., New York and Basel.
- 102 Macek,K.J., Hutchinson,C. and Cope,O.B. 1969 The effects of temperature on the susceptibility of Bluegills and Rainbow trout to selected pesticides. *Bull.Envir.Cort.Toxic.* 4:174-183.
- 103 Martin,T.J. and Blaber, J.M. 1984 Morphology and histology of the alimentary tracts of Ambassidae cuvier (Teleostei) in relation to feeding. *Journal of Morphology*, 182 : 295-305.
- 104 Ma~~x~~thur,D.S. 1969 Toxicity of Aldrin to certain fish. *Sci. and Culture.* 35 : 418-419.

- 105 Mauck,W.L., and Olson, L.E. 1976 Pyrethrins and pyrethroids as piscicides. Arch. Environ Contam. and Toxicol. 4 : 18.
- 106 McManus, J.F.A. 1946 Histological and Histochemical use of periodic acid. Stain Technol. 23, 99.
- 107 Metelev,U.V.; Kanaev,A.L. and Dzasokhova, N.G. 1971 In:"Water Toxicology", Translation of Vodnaya Toksikologiya, Kolos Publishers, Moscow. (Amerind Publishing Co.Pvt.Ltd.,New Delhi,1983)
- 108 Meyling,A.H.,Schutte,C.H.J. Pitchford,R.J. 1962 Some laboratory investigations on Bayer 73 and ICI 24223 as Molluscicides. Bull.Wld.Hlth.Org. 27 : 95-98.
- 109 Mowry,R.W. 1956 Alcian blud technique for the histochemical study of acidic carbohydrates. J.Histochem. Cytochem. 4, 407.
- 110 Mowry,R.W. 1963 The special value of methods that colour with acidic and vicinal hydroxyl groups in the histochemical sltudy of mucins, with revised directions for the colloidal iron stain, the use of Alcian blue 8 Gx and their combinations with the periodic acid schiff reaction. Ann.N.Y. Acad. Sci. 106 : 402-423.
- 111 Mowry,R.W. and Winkler, C.H. 1956 The coloration of acidic carbohydrates of bacteria and fungi in tissue sections with special reference to capsules of Cryptococcus neoformans, Pneumococcus and Staphylococcus. Amer. J. Path., 36 : 628.
- 112 Muirhead-Thomson, R.C. 1971 Pesticides and Fresh Water Fauna pages 71-90 Academic Press London and New York.
- 113 Mukhopadhyay,P.K. and Dehadarsi,P.V. 1980 Indian J. Exp. Biol., 18 : 400.
- 114 Nagi, 1912 In: Pesticides: Role of indigenous plant material in pest control, 32-38, 1985.
- 115 Naidu,K., Akhilender and Ramamurthi, R. 1983 Histological alterations in liver and intestine of teleost Sarotherodon mossambicus in response to mercury toxicity. Ecotoxicol Environ. 7(6) : 566-575.
- 116 Nanaware,S.G. and Harold,R. 1987a Toxicological studies on the undesirable fishes in pisciculture using toxins of indigenous plants from Western Ghat of India: I Effect of Lasiosiphon eriocephalus (Decaisne) leaves toxin on dissolved oxygen and physiology of Tilapia mossambica (Peters) Poll. Res. 6(2): 51-54.

- 117 Nanaware,S.G. and Harold, R. 1987b Toxicological studies on the undesirable fishes in pisciculture using toxins of the indigenous plants from Western Ghat of India:II Effect of Lasiosiphon eriocephalus (Decaisne) toxin on pH and on the physiology of Tilapia mossambica (Peters). Poll. Res. 6
- 118 Nanaware,S.G. and Harold, R. 1987c Toxicological studies on the undesirable fishes in pisciculture using toxins of the indigenous plants from Western Ghat of India: Influence of hardness on piscicide impact of Lasiosiphon eriocephalus (Decaisne) on fresh water and behaviour of Tilapia mossambica (Peters) Poll. Res. 6
- 119 Nanaware,S.G. and Harold, R. 1987d Toxicological studies on the undesirable fishes in pisciculture using toxins of the indigenous plants from Western Ghat of India: IV. UV spectral analysis of the natural piscicide of the leaves of Lasiosiphon eriocephalus (Decaisne). J.Shivaji Uni. (in press).
- 120 Nanaware,S.G. and Mane,P.S. 1987 Toxicity of Na-PCP to Channa orientalis (Schn.) Poll. Res. 6
- 121 Nanaware,S.G. and Harold, R. 1987e Toxicological studies on the undesirable fishes in pisciculture using plant toxins of the indigenous plants from Western Ghat of India:V. NMR spectral analysis of natural piscicide of the leaves of Lasiosiphon eriocephalus (Decaisne) National Symp. Animal Metabolism. Bombay (accepted).
- 122 Nandy,A.C. and Chakraborty, D.P. 1976 A note on the use of unripe fruits of Randia dumetorum Lam. as a fish poison. J. Inland fish. Soc. 8 : 134-136.
- 123 Neil, J.H. 1957 Some effects of potassium cyanide on Speckled trout (Salvelinus fontinalis) Ont. Indus Waste Cionf. 4 : 74-96.
- 124 Nikam,S.R. 1986 Studies on the impact of distillery effluent (Spent wash) on two freshwater fishes Tilapia mossanibica (Peters) and Rasbora daniconius (Hano). M.Phil. dissertation, Shivaji University, Kolhapur (Maharashtra).
- 125 Noko,T.; Yasuhioda,T.; Akira,U. and Selgo,F. 1983 Inhibitors of Xanthine oxidase (F.C.1.2,3.2)from the flowers and buds of Daphne genkwa. Chem.Pharm.Bull.(Tokyo)3(11) : 3984-3987.

- 126 Ohta,K.; Chen,Y.; Naruma,S. and Manakata,K. 1969 Studies on the piscicidal components of Justicia hayati Var. decumbens Part I. Isolation and Piscicidal activities of Justicidin A and B. Agr. Biol. Chem. 33: 610-614.
- 127 Panikar,N.K. and Tambi, P.R.S. 1954 On the mouth breeding cichlid, Tilapia mossambica Peters. Indian N.Fish. 1 (1 & 2): 217-230.
- 128 Paul,D. and Raut,S.K. 1987 Comparative studies on the toxicity of endosulphan in some freshwater fishes under different pH and Hardness of water. Curr.Sci. 56(7) : 318-322.
- 129 Popper,D. and Lichatowich, T. 1975 Preliminary success in predator control of Tilapia mossambica. Acquaculture 5(2):213-214.
- 130 Potts,W.I.M.; Foster,M.A.; Rady,P.P. and Howell,G.P. 1967 Sodium and water balance in the cichlid teleost Tilapia mossambica. J.Exp.Biol.,47(3): 461-470.
- 131 Powers,J.E. and La Bastille-Bowes,A. 1967 Elimination of fish in the Giant Grebe Refuge Lake Atitlan, Gautemala, using fish toxicant, antimycin. Trans.Am.Fish.Soc. 96:210-213.
- 132 Quintarelli,G., Tuiki,S., Hashimoto,Y. and Pigman,W. 1961 J. Histochem. Cytochem. 9: 176.
- 133 Quintarelli,G. 1963 Ann.N.Y.Acad.Sci., 106 : 339.
- 134 Ramanujam,S.N. and Ratha,B.K. 1980a Studies on piscicidal plants of North Eastern India. Hope for an Indigenous plant poison for fish nursery management Curr.Sci.,49:251-252.
- 135 Ramanujam,S.N. and Ratha, B.K. 1980b Effect of the alcholic extract of Zanthoxylum armatum on certain Haematologic parameters of Heteropneustes fossilis. Current Science 49 : 487-489.
- 136 Ramanujam,S.N. and Ratha, B.K. 1983 Bioassay and neurotoxic effect of the fruit extract of a piscicidal plant Zanthoxylum armatum on fresh water fish. Proc. Indian Natl.Sci. Academy Part B Biol.Sci. 49(2):93-100
- 137 Rao,K.V. and Chauhan,S.P.S. 1971 Teratogenic effect of rotenone on the early development of chick embryos in vitro. Teratology 4 : 191-198.
- 138 Reifel,C.W. and Travill, A.A. 1979 Structure and carbohydrate Histochemistry of ten teleostean species. J.Morph. 162:343-360.

- 139 Rajik,L., Nemecsok,J. and Boross,L. 1983 Morphological and biochemical studies on liver Kidney and gill of fishes affected by pesticides. *Acta Biol. Hung.* 34(1) : 81-92.
- 140 Rosen,M.W.M. and Cornford, N.E. 1971 Fluid Friction of Fish Slimes. *Nature* (London) 239 : 49.
- 141 Rye,B.L. 1984 4 new names for pimeleae species represented in perth region (Australia). *Nuytsia* 5(1):1-12.
- 142 Sastry,K.V. and Sharma, S.K. 1978 Endrin toxicity on liver of *Channa punctatus* (Bloch). *Ind.J.Exp.Biol.*,16 : 372-373.
- 143 Schery,R.W. 1952 "Plants for man", Prentice Hall, Englewood Cliffs, N.J.
- 144 Scholosser, E. 1975 Role of Saponins in antifungal resistance III Tomatine dependent development of fruit rot organisms on tomato fruits. *Z.Pflanzenkr, Pflanzenschutz* 82 : 476-484.
- 145 Sharma, Y. 1980 Studies on Synergistic action of indigenous plant. *Geobios*, 7 : 333-334.
- 146 Sharma,S.P. and Simlot, P.C. 1971 Piscicidal effects of *Diospyros cordifolia* Roxb. *Indian Fish. Soc. India.* 3: 37-62.
- 147 Shimada,M. 1983 Effect of sea bloom, *Chattonella antiqua* on gill primary lamellae of the young yellow tail *Seriola quinqueradiata*. *Acta. Histochem. Cytochem.* 16(3) : 232-244.
- 148 Sivarajah, K. Franklin,C.S. and Williams,W.P. 1978 Some histopathological effects of Arodor 1254 on the liver and gonads of rainbow trout *Salmo gairdneri* and carp. *J.Fish.Biol.* 13(4): 411-414.
- 149 Skidmore,J.F. and Tovell, P.W.A. 1972 Toxic effects of zinc sulphate on the gills of Rainbow trout. *Water Res.* 6 : 217-230.
- 150 Spicer,S.S. and Meyer, D.B. 1960 Histochemical differentiation of acid mucopolysaccharides by means of combined aldehyde fuchsin- alcian blue staining. *Amer. J. Clin. Path.*, 33 : 453.
- 151 Spicer,S.S.; Horn,R.G. and Leppl, T.J. 1957 Histochemistry of connective tissue mucopolysaccharide. In: The connective tissue. Int. Acad. Pathol. Monograph. 7 : 251-303.

- 152 Srivastava,C.B.L. 1985 A Text Book of Fishery Science and Indian Fisheries. (Page Nos.204,205) published by Kitab Mahal 15, Thornhill Road, Allahabad.
- 153 Srivastava,G.K. and Srivastava, O.P. 1979 Toxicity of urea to *Channa punctatus* (Bloch): Tolerance and histopathological changes in certain tissues. Proc. Symp. Environ. Biol. 183.
- 154 Srivastava,V.M.S. and Srivastava,D.K. 1982 Histopathological changes in *Cirrhinus mrigala* (Hamilton) Fingerlings exposed to urea. J. Environ. Biol. 3(4) : 171.
- 155 Srivastava,V.M.S. and Srivastava, D.K. 1985 Effect of urea stress on fish. Current Poll. Res. in India. Eds.Trivedy R.K. and Goel,P.K. Envtl. Publications,Karad, India, 201-208.
- 156 Studnicka,Maria; Antonina Sopinska and Jadniga Niegzoda 1963 Histological changes in the gills and liver of carp subjected to the effect of DDT. Roczn Nauk Roln Serhybactwo 100(2) : 117-122.
- 157 Svobodova, Z. 1971 Toxins affect the Hematological parameters. Bull. Vur. Vodnany, 3 : 29.
- 158 Svobodova,Z. 1975 Toxins affect the Hematological parameters. Acta Vet. Brno, 44 : 49.
- 159 Tschesche,R. and Wuff. 1973 Chemie und Biologie der Saponine Fortschr. Chem. Org. Naturst. 30 : 461-606.
- 160 Tyler, Margareti and Merlin E.H. Howden 1985 Antineoplastic and piscicidal 1-Alkyl Daphnane ortho-esters from *Pimelea* species. J.Nat.Prod. (Looydla) 48(3) : 440-445.
- 161 Van-oosten, J. 1957 The physiology of fishes Vol.I (Ed.M.E.Brown) pp. 207 Acad. Press. N.Y.
- 162 Vass,K.F. and Hofstede,A.E. 1952 Studies on Tilapia mossambica Peters (Ikan mudjair) in Indonesia. Cent. Inl.Fish Res.Stn. Bogor : 1-68.
- 163 Virdi, G.S. 1982 The piscicidal properties of Acorus calamus, Sapindus mukorossi and Xeromphis spinosa on 7 species of fishes of N. India. Indian J.Phys. Nat. Sci. 2(1) : 28-35.
- 164 Virbhadrachari,V. 1961 Structural changes in the Gills, Intestine and Kidney of Etroplus maculatus (Teleostei) adapted to different salinities. Journl. of Microscopical Sci. 102 : 361-69.
- 165 Viswanathan,N. and Joshi, B.S. 1983 Toxic constituents of some Indian plants. Current Science, 52(1) : 1-8.

- 166 Walker,C.R.;
Lennon,R.E. and
Berger, B.L. 1964 Preliminary observations on the toxicity of antimycin A to fish and other aquatic animals
Investigations in fish control. Circ.Bur.Sport Fish. Wildl. No. 186, 1-18.
- 167 Wani,G.P. and
Latey, A.N. 1983 Toxic effect of cadmium on the liver of a fresh water teleost Garra mullya (Sykes). Curr. Sci., 52 : 1034-1035.
- 168 Warren,C.E. 1971 Application of toxicity bioassay results.
In: Biology and water pollution
(Philadelphia W.B. Saunders Co.)
- 169 Wealth of India 1962 Gur as a piscicide, Raw Materials Vol.IV.
Supplement Fish and Fisheries the Council of Scientific and Industrial Research. "Fish and Fisheries of India" Ed. by Dr.V.G.Jhingran p.555.
- 170 William B.Buck
and Gary D.Osweller 1976 Clinical and diagnostic veterinary toxicology
Edited by Gary A.Van Gelder, page 131.
- 171 Yamada,K. and
Yokote, M. 1975 Morphological analysis of mucosubstances in some epithelial tissues of the eel (Anguilla japonica) Histochemistry 43 : 161-172.
