

Contents

M. ARUNA AND VIDYAVATI, Impact of various factors on <i>Cladophora crispata</i> (Roth)Kuetz	185
M. ARUNA, T. ASEERVADAM AND VIDYAVATI, Effect of Erythromycin on <i>Cladophora crispata</i>	193
M. ARUNA AND VIDYAVATI, Biochemical Studies in <i>Cladophora crispata</i> (Roth) Kuetz	199
T. ASEERVADAM, M. ARUNA AND VIDYAVATI, Herbicides induced cytomorphological studies on <i>Cladophora crispata</i> (Roth) Kuetz	203
SUGIRTHA P. KUMAR AND J.K. PATTERSON EDWARD, Hydrobiology of Manakudy estuary, Southwest coast of India during closed period - a rapid study	219
A. KAVITHA AND G. S. REGINI BALASINGH, Seasonal abundance and phytoplankton diversity of a sacred grove freshwater ecosystem of Kanyakumari district - South Tamilnadu	231
ASHESH TIWARI AND S.V.S. CHAUHAN, Some rare Chlorophycean species from Yamuna river at Agra	237
P. N. NARKHEDE AND G. RAGHOTHAMAN, Some diatoms from Hatnur Dam, Tapti River, Jalgaon District, Maharashtra State	245
NURMOHAMMAD NASKAR AND K. R. NASKAR, Diversity of Ulotrichales in estuarine wetlands of North 24-Parganas District, West Bengal	249
M.B. RAGHUNATHAN AND K. REMA DEVI, Threat to the biodiversity of the Ichthyo fauna (Gobioids) of certain estuaries	257
M. MARY BAI, K. REMA DEVI AND T.J. INDRA, Fish as biological indicator in Cooum river	263
B.M. SUDEEP AND SHANKAR P. HOSMANI, Algal biodiversity and application of indices in assessing two lakes of Mysore district	269

ANANDA BANERJEE AND S.C. SANTRA, Present planktonic panorama in Sunderban estuary, West Bengal, India obeying neotectonic plate movement of Bengal basin	277
R. RAMESH AND AMMINI JOSEPH, Isolation and characterization of a paddy field cyanobacterium - <i>Synechococcus elongatus</i>	283
T.B. MRUTHUNJAYA, S.P. HOSMANI, N.R. RAJENDRA PRASAD AND B.M. SUDEEP, Diversity and distribution pattern of Chlorococcales with respect to physico-chemical characteristics of three water bodies	293
Y. PREMA LATHA AND A.P. LIPTON, Water quality management in gold fish (<i>Carassius auratus</i>) rearing tanks using different filter materials	301
ASHESH TIWARI AND S.V.S. CHAUHAN, Species diversity and seasonal variation of desmids in Agra city	307
S. RESHMA AND V.R. PRAKASAM, Potential of ponds as source of drinking water in Mayyanad Panchayat, Kerala	319
K. SIVAKUMAR AND R. SENTHILKUMAR, Species diversity indices of phytoplankton richness and evenness and pollution indicators in perennial ponds in Chidambaram taluk in the Cuddalore district of Tamilnadu	325
T. MURUGAN AND D. MANIKANDEVELU, Spent wash from sugar distillery as a nutrient source in <i>Spirulina</i> production and phycobilin pigment extraction	331
SMT. SHAKUN MISHRA, Diversity of algal taxa in certain fresh water ponds of Khandwa (M.P.), India	335
T. SEETHALAKSHMI AND S.K. SUBRAMANIAN, Bioactivation of poorly soluble phosphate rocks with a phosphorus - solubilising Cyanobacteria	343
C. GOVINDASAMY, M. SUNDARAMOORTHY AND L. KANNAN, Impact of municipal wastes on the river water quality of river Palar, Vellore, Tamil Nadu	349
B.S. DESHMUKH AND V.R. GUNALE, A systematic account of Chlorococcales from Ahmednagar district, Maharashtra	359
P. P. TESSY AND R. SREEKUMAR, Occurrence of desmid <i>Micrasterias</i> Agardh from the Kol wetlands of Thrissur, Kerala	371
S. GIRIJAKUMARI AND NELSON P. ABRAHAM, Composition and distribution of phytoplankton in Sasthamkotta lake, Kollam, Kerala	377
B.M. SUDEEP, T.B. MRUTHUNJAYA AND SHANKAR P HOSMANI, Principal component analysis : an appropriate tool for water quality evaluation and management - application on two lakes in Mysore district	381
T. V. POONGUZHALI, Response of <i>Scenedesmus bijugatus</i> (Turpin) Kütz. to metal stress	393
Obituary	399