

Contents

| | |
|--|-----|
| M.A. Akhilamole, A. Noorjahan, R. Raghuraman, B. Aiyampeumal and P. Anantharaman – Alternate supplemented diets as spent seaweed on nile tilapia, <i>Oreochromis niloticus</i> performance..... | 1 |
| P.S. Jayalakshmi and Jose John – Impact of massive flood in Kerala on the algal biodiversity of Periyar River..... | 11 |
| Abhay N. Salve, Swaranjali S. Gadhe, Manoj T. Patil and Aniroodha V. Pethkar – Studies on antimicrobial activities of selected algae from Maharashtra,..... | 19 |
| B.B. Chaugule, J. Lobo and Kerkar Vijaya – Taxonomic account on the genera <i>Acetabularia</i> Lamouroux and <i>Parvocaulis</i> Berger <i>et al.</i> of the family Polyphysaceae (formerly Acetabulariaceae) from India..... | 31 |
| A.V. Waghmode, C.U. Narayankar, M.S. Nimbalkar and D.K. Gaikwad – Exploration of fucoxanthin and astaxanthin in macro alga (<i>Sargassum</i> sp.) by high-performance liquid chromatography..... | 40 |
| M. Punithavalli and K. Sivakumar – Phytoplankton diversity in relation to Abiotic factors from east coast of India, Tamil Nadu..... | 50 |
| Anandakumar Arunkumar, Gnanakkan Ananthan and Rajaram Murugan – A first report of intra-cohort cannibalism in flowerhorn cichlid, <i>Amphilophus citrinellus</i> (Gunther, 1864) x <i>Cichlasoma trimaculatum</i> (Gunther, 1867) under two differential culture system..... | 70 |
| M. Thillaivasan and K. Sivakumar – Influence of seed presoaking treatment with seaweed leachates on paddy var. karunguruuvai..... | 76 |
| Swetha Balakrishnan and G. Rani – New records of <i>Chara zeylanica</i> var. <i>diaphana</i> f. <i>sundaralingii</i> (Meyen) R.D.W. forma nova from South India with SEM studies on oospore and molecular studies (rbcL)..... | 83 |
| A. Aranganathan and K. Sivakumar – Ecology of phytoplankton in Palaman River Chidambaram Town Cuddalore District of Tamilnadu..... | 90 |
| R. Aruljothi and P. Sampathkumar – Influence of physico-chemical parameters on phytoplankton diversity in coastal waters of Bay of Bengal..... | 103 |
| Kalpana Banoth and Balakrishna Dhatrika and T. Ravinder Reddy – Analysis of physico-chemical parameters and zooplankton abundance of yellamma lake, Husnabad mandal of warangal rural district, Telangana..... | 122 |
| J. John Peter Paul and G. Ponnudurai – Phytochemical analysis of methanolic extract of <i>Colpomenia sinuosa</i> (Mertens Ex Roth) Derb. Et Sol. from Manapad in the south east coast of Tamil Nadu, India..... | 133 |

| | |
|---|-----|
| U. Elaya Perumal and R. Sundararaj – Studies on <i>Batrachospermum szechwanense</i> (Batrachospermales, Rhodophyta) from Kerala State, India..... | 138 |
| T. Mounika and B. Digamber Rao – Impact of 2,4-D on phycocyanin pigment, DNA and RNA content of four fresh water filamentous Cyanobacteria..... | 146 |
| P. Dutta, S. Bhakta and A.K. Bastia – Growth response and biochemical composition of waste grown cyanobacteria to paper mill effluents..... | 156 |
| S.I. Beema Jainab, Amthul Azeez, Asma Fathima and R. Ranjith Kumar – GC-MS analysis of the marine algae <i>Halymenia dilatata zanardini</i> a potential source of fish feed in future..... | 164 |
| V. Jino Aancius, K. Gracy Angel, D. Heizline Blessie and S. Geetha – Biosynthesis of magnetite nanoparticles using cyanobacterial polysaccharide and its anticancer activity..... | 170 |
| S. Mishra, S. Bhakta and A.K. Bastia – Pennate diatoms from Brackish water of Balaramgadi estuary, Odisha..... | 182 |
| A.M. Rawat, D.S. Bagri and S. Kumar – Water quality assessment of the reservoirs of Lambagad and Srinagar in relation to suitability for uses, Alaknanda Valley, Garhwal Himalayas, Uttarakhand, India..... | 194 |
| M Wanlambok Sanglyne and Papiya Ramanujam – Study of organic pollution in three selected water bodies of Meghalaya using Palmer's Algal Pollution Index..... | 207 |
| Gunti Mallikarjuna, Chilukuri Sai Kiran Reddy, Challagali Prabhakara Raju, Puli Chandra Obul Reddy and Akila Chandra Sekhar – The Genus <i>Tetraëdron</i> Kutzing (Algae – Chlorophyta) from Ananthapuramu District, Andhra Pradesh, India..... | 218 |
| Gunti Mallikarjuna, Kola Gurulakshmi, Challagali Prabhakara Raju, Botta Venkata Ramana Naidu, Chilukuri Sai Kiran Reddy, Puli Chandra Obul Reddy and Akila Chandra Sekhar – Some freshwater algae from YSR Kadapa District, with new distributional records to Andhra Pradesh, India..... | 227 |
| C. Saikiran Reddy, B. Shobha Rani, P. Sujatha, B.V. Ramana Naidu and C. Prabhakara Raju – On the occurrence of <i>Chroococcus mepitanensis</i> (Woloszynska) Geitler in India..... | 243 |
| Poonam Sethi and Khrienuo Angami – Antiviral potential of a marine seaweed against Herpes Simplex Virus (HSV-1)..... | 247 |
| K.K. Seena, Ignatius Antony and P.V. Anto – Seasonal Influences on Phytoplankton Diversity in Tributaries of River Bharathapuzha, Palakkad District, Kerala..... | 252 |