Volume 25 Number 1&2, October 2026

Contents

1 A.S. Viji Rose, C.S. Amrutha, Mathew Steephan, G.P. Gayatri, A. Manoj Kumar, S.K. Jaya Chithra, J.B. Hyzil and S. Shyam Kumar – Effects of different culture media, salinity and pH on growth kinetics and biochemical composition of *Chaetoceros calcitrans*

11 G. Behera, S. Samantaray, P.K. Swain and R. Mallick – Diversity of microalgae inhabitant found in Dairy wastewater ecosystem: A case study

17 Deepak Kumar Jha and Ajeet Kumar – Hidden Treasures of Freshwater Ecosystems: Zygnematacean Algae from North Bihar, India

21 S. Vandana, B.O Prasad, P. Vinod and P.S. Divya – Comparative Assessment of Biochemical composition and Heavy Metal concentration in Commercially Important Fish Species from Indian Coastal Waters: A Case Study of Kollam Coast, Kerala

37 Sreeja P. Sreedhar and S.R. Regi – Ecomorphological Traits and Habitat Filtering Shape the Distribution of *Puntius mahecola* in a Tropical River System

47 Prashant B. Pusdekar, Naresh R. Dahegaonkar and Imran R. Mithani – Evaluation of Physico-Chemical Characteristics of River Wunna near Hinganghat, District Wardha, Maharashtra, India

57 J. Leji, G.S. Babitha and Sajeena Muhamed – Thyroidal and Metabolic Responses of Perch and Tilapia to Effluents of Coconut Husk Retting

63 J.S. Abhinlal, A. Manoj Kumar, A.K. Anil Kumar, G.P. Gayatri and S. Shyam Kumar – Diversity and Distribution of Seaweeds along the Kozhikode Coast, South-West India

73 S.M. Deshpande, A.S. Bhosale, K.M. Wanjarwadkar and R.K. Aher – Hydrogeochemical Evaluation and Quality Assessment of Groundwater for Drinking Purposes Using Water Quality Index in Kundalika River Basin, Beed District, Maharashtra, India

91 Susan Jose, Namita Mary Mathew, D. Delilah and S. Shyam Kumar – Spatio-Temporal Variability of Physicochemical Characteristics, Nutrient Stoichiometry and Phytoplankton Pigments in the Tropical Monsoonal Estuary: An Integrated Statistical and Spatial Assessment

111 G. Rajeswara Reddy, C. Prabhakara Raju and S. Sandhya Rani – The Genus *Cosmarium* Corda ex Ralfs from Andhra Pradesh – 2, India

119 M. Rithin Raj, N. Jemi Job, V.L. Sruthy, N. Nandini Menon and M. Harikrishnan – New record of ectoparasitic infestation by *Caligus pelagicus* on ichthyoplankton of the family Ambassidae from the Arabian Sea, southwest coast of India

127 Sreeja P. Sreedhar, M. Harinagaraj, S. Preethi and G.S. Babitha – Cytomorphology, cytometry and erythrocytic variants of peripheral blood cells in the estuarine rabbitfish *Siganus javus*

137 B.M. Adarsh, Jesmi Yousuf, S.R. Regi and M.P. Prabhakaran – Influence of water temperature on the prevalence of *Plesiomonas shigelloides* and antibiotic resistance in Nile Tilapia from Kerala, India

147 B.B. Chaugule and U. Elayaperumal – *Balakrishnania sundararajii* B.B. Chaugule and U. Elaya Perumal gen. *et* sp. nov. (Rhodophyta, Bangiales) from Maharashtra, India

Contents *(Continued)*

159 G. Rajeswara Reddy, B. Shobha Rani, Dr. C. Prabhakara Raju and S. Sandhya Rani – Four new distributional records of Genus *Cosmarium* Corda ex Ralfs to India from the state of Andhra Pradesh-3

163 Binushma Raju, J. Leji, S. Preethi, Sreeja P. Sreedhar and G.S. Babitha – An Exploratory Assessment of Ecomorphological Variation in *Haludaria fasciata* from a Western Ghats Stream

171 K.J. Jayalakshmi, M.P. Prabhakaran, K.S. Anakha and S.R. Regi – Influence of salinity on the spatio-temporal distribution of fish larvae in the Vembanad Estuary

177 Farisa Moideen and Kurian Mathew Abraham – Comparative Otolith Morphometry of Four Anchovy Species (Family: Engraulidae) from Southwest Coast of Kerala