

Original articles

- 81 Effect of water trophic status on bio-optical properties and productive characteristics of phytoplankton of the Black Sea coastal waters near Sevastopol
Tatiana Efimova, Tatiana Churilova, Elena Skorokhod, Victoria Buchelnikova, Anatoly Buchelnikov, Nataliia Moiseeva, Pavel Salyuk, Igor Stepanchkin and Aleksandr Melnik
- 94 Seasonal biomass and composition of mesozooplankton communities in Sea of Oman and Arabian Sea
Saud AlBusaidi and Khalid Al-Hashmi
- 108 Symbiodiniaceae *in* and *ex hospite* have differential physiological responses under different heat stress scenarios
Hannah Jacob, Karin Springer, Laura Belter and Andreas Kunzmann
- 121 Preparation and characterization of biosorbent *Sargassum myriocystum* for zinc removal
Jeba Sweetly Dharmadhas, Poornima Arumugam and Rajiv Periakaruppan
- 132 Annual variation in leaf canopy across a seagrass distribution range is modulated by local environmental variation
Celia Delgado-Serrano and Fernando Tuya
- 141 Advances in population monitoring of the mangrove 'uçá'-crab (*Ucides cordatus*): reduction of body size variance for better evaluation of population structure and extractive potential
Marcelo A. A. Pinheiro, Fernanda V. B. Souza, Julia F. Perroca, Mauro M. T. Silva, Raimundo L. M. Sousa, Thais A. Mota and Sérgio S. Rocha
- 154 Systematic and biogeographical aspects of the first Antarctic discovery of *Orthoplana bregazzii* Karling, 1973 (Proseriata, Otoplanidae)
Odile Volonterio and Rodrigo Ponce de León
- 165 Genus and size-specific susceptibility of soft corals to 2020 bleaching event in the Philippines
Christine C. Baran, Rhea Mae A. Luciano, Christine S. Segumalian, Darryl Anthony M. Valino and Maria Vanessa Baria-Rodriguez
- 177 New records and observations of marine algae from Morocco (Eastern Atlantic Ocean)
Mustapha Hassoun, Hanaa Moussa, Ghizlane Salhi, Loubna Benamar, Naouar Ben Ali and Mohamed Kazzaz
- 191 Sea pens and bamboo corals in Skagerrak and the Norwegian trench
Lene Buhl-Mortensen, Trude Hauge Thangstad, Guldborg Sovik and Henning Wehde
- 207 Toxicity of iron-based nanoparticles to *Nannochloropsis oculata*: effects of Fe₂O₃-NPs on oxidative stress and fatty acid composition
Nasrin Fazelian, Morteza Yousefzadi and Ali Movafeghi