

Founded: 1972

ISSN: 0379-5136
CODEN: IJMNB**INDIAN JOURNAL OF GEO MARINE SCIENCES**

Volume 48 Number 04

APRIL 2019

CONTENTS**Research Articles**

- First record of angry worm eel *Skythrenchelys zabra* (Anguilliformes: Ophichthidae) from the east coast of India 413
Anil Mohapatra, Dipanjan Ray, Swarup R. Mohanty, Subhrendu Sekhar Mishra, & Rajeeb K. Mohanty
- Macroalgae as indicator species for shore platform zones of Dwarka, Gujarat, India 416
Dimpal Sanghvi, Nandini Ray Chaudhury, & B. K. Jain
- Population dynamics and stock assessment of spadenose shark *Scoliodon laticaudus* Muller and Henle 1839 along Gujarat coast of India 423
Swatipriyanka Sen, S.K. Chakraborty, E. Vivekanandan, P.U. Zacharia, Shoba J. Kizhakudan, A.K. Jaiswar, Gyanaranjan dash, G. Jayshree, & Sangita A. Bharadiya
- Stock structure analysis of Splendid ponyfish *Eubleekeria splendens* (Cuvier, 1829) along Indian coast using truss network system 434
Shobha Rawat, S. Benakappa, Deepak George Pazhayamadom, Jitendra Kumar, Chitra Soman, & R. Venugopal
- Bigeye tuna fishing ground in relation to thermocline in the Western and Central Pacific Ocean using Argo data 444
Shenglong Yang, Bianbian Zhang, Heng Zhang, Shengmao Zhang, Xiumei Fan, Chenjun Hua, & Wei Fan
- Occurrence, prevalence and molecular characterization of *Norileca indica* (Milne Edwards, 1840) (Isopoda: Cymothoidae) on bigeyescaud, *Selar crumenophthalmus* (Bloch) from Andaman Islands India 452
J. Praveenraj, K. Saravanan, P. Puneeth Kumar, R. Kiruba-Sankar, & S. Dam Roy
- Biometric analysis of the flat needlefish *Ablennes hians* (Valenciennes, 1846) (Pisces: Belonidae) in the south-eastern Arabian Sea 457
Subal Kumar Roul, Rajan Kumar, Ashok Kumar Jaiswar, T. B. Rethesh, A.R. Akhil, D. Prakasan, U. Ganga, E. M. Abdussamad, Latha Shenoy, & Prathibha Rohit

On the occurrence of buckler crab <i>Cryptopodia angulata</i> in the coastal waters of India R. Sivasankar, P. Ezhilarasan, Vishnu Vardhan Kanuri, M. Kumaraswami, V. Ranga Rao, & K. Ramu	464
Fisheries impact on trophic levels: North of the Persian Gulf case study, 2002-2011 Sakineh Mashjoor, Ehsan Kamrani, Mossa Keshavarz, & Abdul-Reza Dabbagh	468
Factors influencing shell size and shape in <i>Donax incarnatus</i> (Gmelin) inhabiting Panambur sandy beach, Mangalore, India Seetharamaiah Thippeswamy, Mohan Joseph Modiayil, Baikampady Shubharekha, & Malathi Shettigar	475
Biochemical and mineral compositions of six brown seaweeds collected from Red Sea at Hurghada Coast Wafaa A. Fouda, Wael M. Ibrahim, Ashgan M. Ellamie, & Gamal Ramadan	484
Nutritional assessment and bioactive potential of <i>Sargassum polycystum</i> C. Agardh (Brown Seaweed) B. Perumal, R. Chitra, A. Maruthupandian, & M. Viji	492
Negative effect of protective bag on trawl codend selectivity Sevil Demirci, Aydın Demirci, & Emrah Şimşek	499
Mangrove vegetation change in Vagra Taluka, Bharuch district, Gujarat, India from 1978 to 2012 Shreestuti S. Khare & Dharmendra G. Shah	504
Larvicidal potential of sea cucumbers from Mauritius M. Anielle Espiegle, Daneswar Puchooa, & Nadeem Nazurally	511
A new report of <i>Trichogloea requienii</i> (Montagne) Kützing from the South Andaman Sea and study of antibacterial activity of extracted compounds from the species V. Shajeeda Banu & Jayant Kumar Mishra	518
Phytochemical analysis, <i>in vitro</i> antioxidant activity and anti-inflammatory activity of <i>Turbinaria ornata</i> in human RBC model D. Vijayaraja & K. Jeyaprakash	522
Reduction of hexavalent chromium to trivalent chromium from tannery effluent using bacterial biomass G. Venkatesan & T. Subramani	528
Source of sediments and response of clay minerals, organic matter and metals to fluctuating environmental conditions in western Bay of Bengal Purnima Bejugam & G. N. Nayak	535
Thermodynamic models and analysis for determination of water container Ke Teng, Shankar Rao Munjam, Run Zhang, & Jifeng Cui	554
Sensitivity of a Red Sea numerical wave model to spatial and temporal resolution of forcing wind field Khalid M. Zubier & Sameer H. Gharbi	566

	411
Study of wind waves using satellite altimetry in the coast of south-western Caspian Sea (Gilan Province) S. Khodadadian Elikai, M. Torabi Azad, & K. Lari	576
End-member modeling analysis of tidal flat sediments grain size and their implications for sedimentary sources from Jiangsu coast, Eastern China Longsheng Wang, Shouyun Hu, Ge Yu, Mingming Ma, Xiaohui Wang, & Mengna Liao	582
Behavior-oriented numerical modeling of nearshore oceanic current and application on sea harbor Mingxiao Xie, Shan Li, Wendan Li, Zhiwen Yang, & Shanshan Yao	590
INSTRUCTIONs TO AUTHORS	603