

### THE MARINE BIOLOGICAL ASSOCIATION OF THE UNITED KINGDOM

#### **TERMS OF MEMBERSHIP FOR 2018**

MBA MEMBERSHIP (prices per annum)	Price from 1st March 2018
Young Marine Biologist (YMB)	£12.50
Student Member	£25.00
Associate Member	£40.00 (direct debit discount £5)
Professional Member, Mem.MBA	£45.00 (direct debit discount £5)
MBA Fellow, FMBA	£120.00 (direct debit discount £5)
Institutional Member	£340.00

JOURNAL SUBSCRIPTION	
(MBA price added to the above member	rship fees, with the exception of YMB as no Journal option for this category)
Online Journal	£20.00
Print & Online Journal	£80.00

The Association is a learned society founded in 1884 and incorporated by Royal Charter in 2013. The Marine Biological Association (MBA) provides a unified, clear, independent voice on behalf of the marine biological community. In 1888, the MBA opened the Plymouth laboratory at Citadel Hill.

The MBA is also a registered charity with its key aims being to promote scientific research into all aspects of life in the sea, including the environment on which it depends, and to disseminate to the public the knowledge gained. The Patron of the Association is His Royal Highness the Duke of Edinburgh, who is also an Honorary Fellow. The other Honorary Fellows are His Serene Highness Prince Albert of Monaco, Dr Sylvia Earle, Sir Tim Hunt and Professor James Lovelock.

The work of the Association is controlled by the Council elected annually by its subscribing members.

The Marine Biological Association, under the direction of its Council, has undertaken research in all branches of marine science and many of the results have been published in this Journal. An account of the history of the first hundred years of the Association and Journal may be found in Volume 67 (pp. 463 and 465).

Since its foundation the Association has been supported by grants from Research Councils and by subscriptions and donations

from private members, universities, learned societies, the Fishmongers' Company and other public bodies.

The Marine Biological Association is a very active scientific learned society with a large international membership. The MBA also manages an internationally renowned research programme.

Subscriptions can be paid by cash/cheque, direct debit from a UK bank account or credit card. \*Subscriptions are reduced by £5 per annum if paying by direct debit.

Members of the Association have a wide range of rights and privileges including the use of post-nominals (FMBA for MBA Fellows, Mem.MBA for Professional Members) and being entitled to receive The Marine Biologist Magazine. The Commissioners of Inland Revenue have approved the Association for the purposes of Section 16, Finance Act, 1958, and that the whole of the annual subscriptions paid by a member who qualifies for relief under the section will be allowable as a deduction from his emoluments assessable to income tax.

All correspondence should be addressed to: The Membership Secretary, Marine Biological Association, The Laboratory, Citadel Hill, Plymouth, PL1 2PB, UK (Tel. +44 (0) 1752 426493; e-mail: membership@mba.ac.uk).

#### PUBLISHED BY THE PRESS SYNDICATE OF THE UNIVERSITY OF CAMBRIDGE The Pitt Building, Trumpington Street, Cambridge, CB2 1RP, United Kingdom

This journal issue has been printed on FSC-certified paper and cover board. FSC is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests. Please see www.fsc.org for information.

Printed by Bell and Bain Limited, Glasgow

#### CAMBRIDGE UNIVERSITY PRESS

Journals Fulfillment Department, UPH, Shaftesbury Road, Cambridge CB2 8BS, United Kingdom
1 Liberty Plaza, Floor 20, New York, NY 10006, USA
477 Williamstown Road, Port Melbourne, VIC 3207, Australia
C/ Orense, 4, planta 13, 28020, Madrid, Spain
Dock House, The Waterfront, Cape Town 8001, South Africa

# **JMBA**

## JOURNAL OF THE MARINE BIOLOGICAL ASSOCIATION OF THE UNITED KINGDOM VOLUME 98.8 DECEMBER 2018

Contents	
SPECIAL SECTION: EUROPEAN MARINE BIOLOGY SYMPOSIUM PAPERS 2018	
EDITORIAL	
Ramšak, A. and Mozetič, P. Introduction to the Proceedings of the 52nd European Marine Biology Symposium ARTICLES	1843
Franzo, A., Guilini, K., Cibic, T. and Del Negro, P. Structure and function of nematode assemblages in contaminated sediments:	
what can we learn from the Mar Piccolo of Taranto (Ionian Sea)?	1845
Chimienti, G., Angeletti, L., Rizzo, L., Tursi, A. and Mastrototaro, F. ROV vs trawling approaches in the study of benthic communities:	
the case of Pennatula rubra (Cnidaria: Pennatulacea)	1859
Kovačić, I., Pustijanac, E., Ramšak, A., Šebešćen, D. and Lipić, S. Variation of parasite and fungi infection between farmed and wild mussels (Mytilus galloprovincialis Lamarck, 1819) from the Adriatic Sea	1871
Tanković, M.S., Baričević, A., Perusco, V.S., Melzer, R.R., Lopez, A.I., Dömel, J.S., Heß, M., Kužat, N., Pfannkuchen, D.M. and Pfannkuchen, M. Experimental	10/1
evidence for shaping and bloom inducing effects of decapod larvae of <i>Xantho poressa</i> (Olivi, 1792) on marine phytoplankton	1881
IMBA PAPERS	
Drira, Z., Kmiha-Megdiche, S., Sahnoun, H., Tedetti, M., Pagano, M. and Ayadi, H. Copepod assemblages as a bioindicator of environmental quality in	
three coastal areas under contrasted anthropogenic inputs (Gulf of Gabes, Tunisia)	1889
Komar, D., Dolenec, M., Dolenec, T., Vrhovnik, P., Lojen, S., Kniewald, G., Matešić, S.S., Belak, Ž.L. and Orlando-Bonaca, M. Benthic organisms	1007
as ecological indicators for the status assessment of coastal ecosystems  Santos, T.M.T. and Venekey, V. Meiofauna and free-living nematodes in volcanic sands of a remote South Atlantic, oceanic island (Trindade, Brazil)	1907 1919
Kurr, M., Davies, A.J. Time-since-invasion increases native mesoherbivore feeding rates on the invasive alga, Sargassum muticum (Yendo) Fensholt	1935
Trabelsi, R., Elloumi, J., Hamza, A., Ayadi, N., Zghal, I. and Ayadi, H. Variability of foraminifera associations in seagrass ecosystems in shallow water	
during winter (Kerkennah — Southern Tunisian coasts)	1945
Cepeda, D. and Rodríguez-Flores, P.C. First record of the invasive worm Branchiomma bairdí (Annelida: Sabellidae) in the Balearic Sea (Western Mediterranean)	1955
Bonyadi-Naeini, A., Rastegar-Pouyani, N., Rastegar-Pouyani, E., Glasby, C.J. and Rahimian, H. Intertidal polychaetes from Abu Musa Island, Persian Gulf, with a new species from the <i>Perinereis cultrifera</i> species complex (Annelida: Nereididae)	1965
Bascur, M., Guzmán, F., Mora, S., Espinoza, P., and Urzúa, Á. Temporal variation in the fatty acid composition of ovigerous females and embryos of the	.,,,,
squat lobster <i>Pleuroncodes monodon</i> (Decapoda, Munididae)	1977
Ibáñez, A.L. and Jawad, L.A. Morphometric variation of fish scales among some species of rattail fish from New Zealand waters	1991
Morton, B. and Puljas, S. The biology and functional morphology of Mytilaster minimus (Bivalvia: Mytiloidea: Mytiloidea: Mytiloidea) from the intertidal dinaric karst of Croatia (Adriatic Sea)	1999
De Montaudouin, X., Blanchet, H. and Hippert, B. Relationship between the invasive slipper limpet <i>Crepidula fornicata</i> and benthic	1///
megafauna structure and diversity, in Arcachon Bay	2017
Zwerschke, N., Kochmann, J., Ashton, E.C., Crowe, T.P., Roberts, D. and O'connor, N.E. Co-occurrence of native Ostrea edulis and non-native	2020
Crassostrea gigas revealed by monitoring of intertidal oyster populations	2029
Zhang, L., Feng, Q., Ding, K., Sun, L., Huo, D., Fang, Y., Zhang, T. and Yang, H. Genome-wide analysis of gene expression profile in the respiratory tree of sea cucumber ( <i>Apostichopus japonicus</i> ) in response to hypoxia conditions	2039
Pineda-Enriquez, T., Bribiesca-Contreras, G., Solis-Marín, F.A., Laguarda-Figueras, A. and O'hara, T. New species of the genus <i>Ophiolepis</i> Müller & Troschel,	2007
1840 (Echinodermata: Ophiuroidea: Ophiolepididae)	2049
Varasteh, T., Shokri, M.R., Rajabi-Maham, H., Behzadi, S. and Hume, B.C. Symbiodinium thermophilum symbionts in Porites harrisoni and Cyphastrea	20/7
microphthalma in the northern Persian Gulf, Iran Hidaka-Umetsu, M. and Lindsay, D.J. Comparative ROV surveys reveal jellyfish blooming in a deep-sea caldera: the first report of Earleria bruuni	2067
from the Pacific Ocean	2075
Romanov, E.V., Jaquemet, S. and Puetz, L. A giant squid (Architeuthis dux) off Reunion Island, western Indian Ocean: the greatest giant ever?	2087
Aguilar-Perera, A. Quijano-Puerto, L., Carrillo-Flota, E., Williams, E.H. and Bunkley-Williams, L. First record of the snapper-choking isopod Cymothoa excisa	
(Isopoda: Cymothoidae) parasitizing invasive lionfish <i>Pterois volitans</i> (Scorpaeniformes: Scorpaenidae)	2095
Ondes, F., Kaiser, M.J. and Murray, L.G. Fish and invertebrate by-catch in the crab pot fishery in the Isle of Man, Irish Sea Ohji, M., Harino, H. and Langston, W.J. Differences in bioaccumulation and transfer ability between tributyltin and triphenyltin from parental female	2099
to offspring in viviparous surfperch Ditrema temmincki	2113
Wicaksono, A., Hidayat, S., Retnoaji, B., Rivero-Müller, A. and Alam, P. A mechanical piston action may assist pelvic-pectoral fin antagonism in	
tree-climbing fish	2121
Bakopoulos, V., Tsepa, E., Diakou, A., Kokkoris, G., Kolygas, M.N. and Athanassopoulou, F. Parasites of Scyliorhinus canicula (Linnaeus, 1758) in the	2122
north-eastern Aegean Sea Mohd Salleh, S., Nishizawa, H., Mohd Sah, S.A. and Safri, M.F. Spatiotemporal preferences in nesting of the hawksbill turtle ( <i>Eretmochelys imbricata</i> )	2133
in Melaka, Malaysia	2145
Borges, J.C.G., Lima, D.D.S., Calera, B.M., Marmontel, M., Da Silva, E.M., De Oliveira Moreira, A.L. and Alves, L.C. Cryptosporidium spp. and Giardia sp. in	
Neotropical river otters (Lontra longicaudis) and giant otters (Pteronura brasiliensis) in northern Brazil	2153
Ching, TY., Chen, CS. and Wang, CH. Spatiotemporal variations in life-history traits and statolith trace elements of Sepioteuthis lessoniana populations around northern Taiwan — CORRIGENDIA	2159

Cambridge Core

For further information about this journal please go to the journal web site at: cambridge.org/mbi



