

# **Journal of the BLACK SEA/MEDITERRANEAN ENVIRONMENT**

International Journal a Trimesterly International Publication of Earth, Marine,  
Environment and Engineering Science

**Volume 25, Number 1, 2019**

**ISSN: 1304-9550**

## **Web**

[www.blackmeditjournal.org](http://www.blackmeditjournal.org), [www.tudav.org](http://www.tudav.org)

## **Category Link**

Pollution, Marine Biology, Physical and Chemical Oceanography, Marine Geology and Geophysics, Maritime Policy, Biological Conservation, Coastal Zone Management.

## **Editor**

Bayram Öztürk

## **Associate Editor**

Ayaka Amaha Öztürk

## **Technical Assistants**

Zeynep Gülenç, Arda M. Tonay

## **Advisory Board Members**

Yuvenaly P. Zaitsev (Odessa, Ukraine)

Ferdinando Boero (Salento University, Italy)

Tamara Shiganova (Ru. Acad. of Sci., Russia)

Cemal Turan (Mustafa Kemal University)

Dani Golani (Hebrew Uni. of Jerusalem, Israel)

Vasilis Gerovasileiou (Hellenic Centre for Marine Research, Greece)

Nuri Başusta (Fırat University)

Melih E. Çınar (Ege University)

Kohei Kihara (Tokyo, Japan)

## **Founder**

Kasım Cemal Güven

Printed by: Metin Copy Plus (Tel: 0212 527 61 81)

Editorial Address: TUDAV (Turkish Marine Research Foundation), P.O. Box: 10  
Beykoz, 34820, Istanbul, Turkey. E mail: [tudav@tudav.org](mailto:tudav@tudav.org)

**Abstracted in: Chemical Abstracts, ASFA (Aquatic Sciences and Fisheries  
abstracts), Biosis (Biological Abstracts, Biosis Previews), Zoological Record**

# Journal of the BLACK SEA/MEDITERRANEAN ENVIRONMENT

**Volume 25, Number 1, 2019**

## **Contents**

### **Research Article**

#### **Benthic marine flora of the Marmara Sea (Turkey)**

Ergün Taşkın, Murat Çakır, Barış Akçalı, Özge Sungur.....1

#### **An inventory of non-indigenous species (NIS) inside and outside three tourist marinas from the southern Mediterranean coast**

Yassine Ramzi Sghaier, Rym Zakhama-Sraieb, Ahmed Ben Hmida, Faouzia Charfi.....29

#### **A preliminary inventory of biodiversity and benthic habitats of “Plane” Island (Paloma) in Oran Bay, north western Algeria, (western Mediterranean)**

Kais Boumediene Hussein, Lotfi Bensahla Talet.....49

#### **Seasonal variation in epiphyte flora of the invasive species *Codium fragile* subsp.**

#### ***fragile* on the Çanakkale Strait coast (Marmara Sea, Turkey)**

Hüseyin Erduğan, Ali Rahmi Fırat, Latife Ceyda İrkin, Emine Şükran Okudan,  
Rıza Akgül, Füsün Akgül, Berrin Dural.....73

### **Short Communication**

#### **An additional record of *Lamna nasus* (Bonnaterre, 1788) from Croatia, Adriatic Sea**

Ioannis Keramidas, Pero Ugarković, Alessandro De Maddalena, Ioannis Giovos.....87

#### **The first documented case of neurotoxicity in two patients following octopus flesh ingestion in the Mediterranean: a case study from the Maltese Islands (central Mediterranean)**

Roberta Mifsud, Caroline Gouder, Alan Deidun, Mario J. Cachia,  
Stephen Montefort.....93

#### **New record of *Ocypode cursor* (Linnaeus, 1758) (Crustacea: Decapoda: Ocypodidae) from the Tunisian coasts, the central Mediterranean Sea**

Sami Karaa, Jamel Jrijer, Mohamed Nejmeddine Bradai, Imed Jribi.....101

#### **First record of lionfish (Scorpaenidae: *Pterois*) from Libyan waters**

Sara A.A. Al Mabruk, Jamila Rizgalla.....108

### **Review Article**

#### **A review on *Posidonia oceanica* (Linnaeus) Delile coverage along the Turkish coasts until 2019**

Barış Akçalı, Gökhan Kaboğlu, Harun Güçlüsoy.....115

## INSTRUCTION TO AUTHORS

**Journal of the Black Sea/Mediterranean Environment (J. Black Sea/Mediterr. Environ.)** is published trimesterly. The journal publishes original researches, review papers and short communications on marine environment, rivers and atmosphere. Emphasis is placed on pollution, marine biology, physical and chemical oceanography, marine geology and geophysics, maritime policy, biological conservation, coastal zone management and engineering. The papers submitted for publication must be unpublished and should contain data that have not previously been published elsewhere as a whole or in part. Review papers must provide a synthesis and critical evaluation of the state of knowledge of the subject. Manuscripts should be written in clear and concise English and conform to general style of the journal.

**Manuscript should be typed single spaced with the format of journal as:**

**Page limit** maximum 15 pages (with some exceptions such as review papers)

**Page size** 23.5×16 cm.

**Margin** bottom-top 2.5 cm, left-right 2.3 cm.

**All text characters** should be “Times New Roman”.

**Title** (13 pt, Bold) must be brief and should not exceed 10 words.

**Authors** (11 pt, Bold) complete names.

**Institutional address** (9 pt, Normal)

**Email address of the corresponding author**

**Abstract** (9 pt, Normal) briefly describes the results and conclusion, less than 200 words.

**Keywords** (9 pt, Normal) maximum 6 words

**Introduction, Materials and Methods, Result and Discussion** (10 pt, Normal).

**Acknowledgement** (9 pt, Normal)

**Turkish Summary** for Turkish writers only (9 pt, Normal).

**Tables and Figures** in Arabic numerals must be saved within the text. They should be adjusted to fit the printed page size (see above).

**Tables** should be sent as a word document (not tiff or jpeg).

**Figures** should be 300 dpi resolution as tiff or jpeg format.

**References** in text should be cited as .... (Polikarpov 2007 or Polikarpov and Zaitsev 2000 or Polikarpov *et al.* 2007). (10 pt, Normal)

**The title of the references** should be in English but original language to be indicated. For example: Öztürk, B. (2006) Climate change - an ecological approach for Turkish Seas. *Science and Utopia* 139: 28-32 (in Turkish).

### References to a journal publication

Author(s) name, year (in parenthesis), title of paper, journal name (italic), volume number, first and last page number of the paper.

#### Example

Ehrhardt, G.M., Burns, K.A. (1992) Hydrocarbons and related photo-oxidation products in Saudi Arabian Gulf coastal waters and hydrocarbons in underlying sediments and bioindicator bivalves. *Mar Poll Bull* 27: 187-197.

**References to a book**

Names and initial of all authors, year, title of the book, publisher, location of publisher.

**Example**

Golani, D., Öztürk, B., Başusta, N. (2006) The Fishes of the Eastern Mediterranean. Turkish Marine Research Foundation, Istanbul, Turkey.

**References to a chapter in book**

Names and initial of all authors, year, title of paper, title of the book (name of editor(s) in parenthesis), publisher, location of publisher, number of page.

**Example**

Galil, B.S. (2006) The Marine Caravan – The Suez Canal and the Erythrean Invasion. In: Bridging Divides Maritime Canals as Invasion Corridors, (eds., Gollasch, S., Galil, B.S., Cohen, A.N.), Springer, Netherlands, pp. 207-300.

**References to a website**

Names and initial of all authors, year, title of website, URL, the date when the author accessed for his/her publication.

**Example**

FAO. (2011) FAO fishery and aquaculture country profiles: Turkey. Available at [http://www.fao.org/fishery/countrysector/FI-CP\\_TR/en](http://www.fao.org/fishery/countrysector/FI-CP_TR/en) (accessed 10 Oct. 2011).

**Submission of manuscript:** Manuscript must be submitted online at [www.blackmeditjournal.org](http://www.blackmeditjournal.org)

**Subscription:** Yearly subscription rate including postal and handling is €50 for individual subscribers and €100 for institutional subscribers. Please contact [tudav@tudav.org](mailto:tudav@tudav.org) for subscription.

**Cover photograph:** *Posidonia oceanica* © Bayram Öztürk/TUDAV

**All rights reserved:** Articles published in this Journal are under copyright protection. Such rights as arise from it are reserved, in particular those of translation, reprinting, public lecture, reproduction of illustrations and tables, radio and television transmission, microfilming or other methods of reproduction, including extract form. Duplicating, reproduction or distribution for commercial purpose of this journal or parts thereof is not permitted. The copying of individual articles or parts thereof is permitted only under the provisions of the Turkish Copyright Law.

**Disclaimer:** The Publisher and Editors cannot be held responsible for errors or any consequences arising from the use of information contained in this journal; the views and opinions expressed do not necessarily reflect those of the Publisher and Editors.