



Marine and Life Sciences

E-ISSN: 2687-5802



**M & L S
C I E N C E S**

M A R I N E

L I F E

S C I E N C E S

Volume 2 Issue 2

December 2020



Marine and Life Sciences

E-ISSN: 2687-5802

M & L S
M A R I N E L I F E C I E N C E S

Marine and Life Sciences

2020, Volume 2, Issue 2

December 2020

Marine and Life Sciences (MLS) yılda iki defa yayımlanan uluslararası bilimsel ve hakemli bir dergidir. Derginin yayın dili Türkçe ve İngilizcedir. Yayımlanan yazıların tüm yayın hakları dergiye aittir. Makalelerin içerikleriyle ilgili her türlü yasal sorumluluk yazar(lar)a aittir.

Marine and Life Sciences (MLS) is an international scientific and refereed journal published twice a year. The publication languages of the journal are English and Turkish. All publishing rights of the articles belong to the journal. All legal liability for the contents of the articles belongs to the author(s).

Corresponding address

Iskenderun Technical University
Faculty of Marine Sciences and Technology
31200 Iskenderun-Hatay/TURKEY

marineandlifesciences@gmail.com

<https://dergipark.org.tr/en/pub/marlife>



Marine and Life Sciences

E-ISSN: 2687-5802

M & L S
M A R I N E
C I E N C E S

Editor-in-Chief

[Dr. Emrah ŞİMŞEK](#)

İskenderun Technical University, TURKEY

Co-Editors

[Dr. Süleyman ÖZDEMİR](#)

Sinop University, TURKEY

[Dr. Semih KALE](#)

Çanakkale Onsekiz Mart University, TURKEY

Technical Editor

[Dr. Aydın DEMİRÇİ](#)

İskenderun Technical University, TURKEY

Language Editors

[Dr. Muharrem KESKİN](#)

Hatay Mustafa Kemal University, TURKEY

[Ece KILIÇ](#)

İskenderun Technical University, TURKEY

Editorial Board

Dr. Celalettin AYDIN

Ege University, TURKEY

Dr. Petya IVANOVA

Bulgarian Academy of Sciences,
BULGARIA

Dr. Mehmet Fatih CAN

İskenderun Technical University, TURKEY

Dr. Şükran Yalçın ÖZDILEK

Çanakkale Onsekiz Mart University,
TURKEY

Dr. Yavuz MAZLUM

İskenderun Technical University, TURKEY

Dr. Deniz ACARLI

Çanakkale Onsekiz Mart University,
TURKEY

Dr. Vahit ÇALIŞIR

İskenderun Technical University, TURKEY

Dr. Hüseyin GÜMÜŞ

Mersin University, TURKEY

Özkan AKAR

İskenderun Technical University, TURKEY

Dr. Sinan MAVRUK

Çukurova University, TURKEY

Dr. Viktor KARAMUSHKA

National University of Kyiv-Mohyla
Academy, UKRAINE

Dr. Sharif JEMAA

National Council for Scientific Research,
LEBANON

Dr. Yıldız BOLAT

Isparta University of Applied Sciences,
TURKEY

Dr. Ayşe Bahar YILMAZ

İskenderun Technical University, TURKEY

Dr. Abdullah ÖKSÜZ

Necmettin Erbakan University, TURKEY

Dr. Emre ÇAĞLAK

Recep Tayyip Erdoğan University,
TURKEY

Dr. Sefa ACARLI

Çanakkale Onsekiz Mart University,
TURKEY

Dr. Sevil DEMIRCI

İskenderun Technical University, TURKEY

Dr. Pervin VURAL

Çanakkale Onsekiz Mart University,
TURKEY

Contents

Evaluation of marine macroalgae for innovative natural medical products Nurdan ÜNAL, Aycan ARAS, Oğulcan HABİBOĞLU, Sinem UĞUR, Mehmet NAZ, Selin SAYIN	<i>Research Article</i>	57-64
The maximum length record of Atlantic Mackerel (<i>Scomber scombrus</i> Linnaeus, 1758) for Turkish Seas Özgür CENGİZ	<i>Research Article</i>	65-70
Temporal variation of microbial load under controlled laboratory conditions of <i>Tubifex tubifex</i> collected from nature Pınar ÇELİK, Fikret ÇAKIR	<i>Research Article</i>	71-77
Comparison of catch efficiency and catch composition of experimental fishing pots designs in Black Sea Yakup ERDEM, Utku Samet ÖKSÜZ, Osman SAMSUN	<i>Research Article</i>	78-84
Technical plans of fishing gears used in the central Black Sea coastal fisheries (Sinop-Samsun) Yakup ERDEM, Süleyman ÖZDEMİR, Uğur ÖZSANDIKÇI, Ferhat BÜYÜKDEVƏCİ	<i>Research Article</i>	85-96
The growth responses of <i>Eisenia fetida</i> (Savigny 1826) exposed to microplastics Elif Mentes, Şükran Yalçın Öz dilek	<i>Research Article</i>	97-104
Effects of Grobiotic®-A on growth, whole body composition, and intestinal histology of endangered brown trout (<i>Salmo trutta macrostigma</i>) Hatice SÖNMEZ, Metin YAZICI, Selmin ÖZER	<i>Research Article</i>	105-112
Seasonality of physicochemical parameters and fin fish diversity at Hakaluki Haor (Fenchungonj Upazilla), Sylhet, Bangladesh Mohammad Amzad HOSSAIN, Ahmad Fazley RABBY	<i>Research Article</i>	113-119
The length-weight relationships of two flatfish species (<i>Solea solea</i> Linnaeus, 1758 and <i>Pegusa lascaris</i> Risso, 1810) caught in the Middle Black Sea coasts Ferhat BÜYÜKDEVƏCİ, Osman SAMSUN, Uğur ÖZSANDIKÇI	<i>Research Article</i>	120-126
