



International Journal of Nature and Life Sciences (IJNLS)

<https://dergipark.org.tr/ijnls>

Journal with International Referee

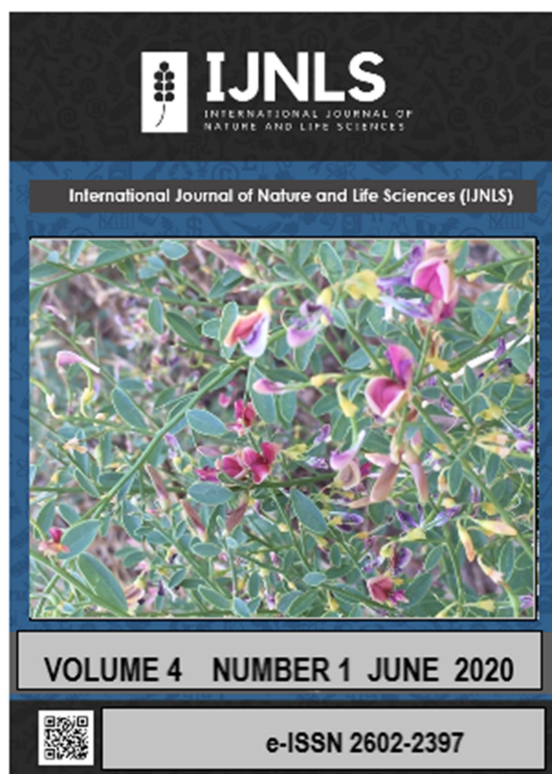
e-ISSN: 2602-2397

Description

International Journal of Nature and Life Sciences is an international peer-reviewed, open-access journal. The journal accepts English language manuscripts and two times in a year including in June and December regularly. The journal publishes original articles, reviews and short communications that are prepared in accordance with the ethical guidelines. Review process will take in generally 20-45 days. Printed in Turkey (2017 to date).

International Journal of Nature and Life Sciences aims to contribute to the literature by publishing manuscripts at the highest scientific level on all fields of botany, biology and pharmacology. IJNLS, all living centered; ethnobotanical field studies, biological and pharmacological effects, plant physiology, plant geography, plant taxonomy, plant anatomy and morphology, ecology, conservation biology, plant chemistry, and molecular biology, on topics research and review articles are published.

International Journal of Nature and Life Sciences is published by UGC. The views expressed in the papers are under the responsibility of author(s). All the intellectual property rights of the papers accepted for the publication belong to International Journal of Nature and Life Sciences indefinitely. Please visit " <https://dergipark.org.tr/ijnls>" for instructions about articles and all of the details about journal.



Abstracted-Indexed in

- ✓ Index Copernicus
- ✓ Rootindexing
- ✓ Directory of Research Journals Indexing
- ✓ Academic Resource Index
- ✓ Eurasian Scientific Journal Index
- ✓ IZOR Index
- ✓ Science Library Index
- ✓ International Innovative Journal Impact Factor Database

E-mail : ijnls@yahoo.com; ucakilcioglu@yahoo.com

Web Address: <https://www.dergipark.gov.tr/ijnls>

Publisher: UGC Publ.

Correspondence Address: Çaydaçıra Mah. S.Ateş Cad. No:140 Elazığ, Turkey



Editor

Assoc. Prof. Dr. Uğur Çakılcıoğlu Department of Botany, Munzur University, Pertek, Tunceli, Turkey

Editor Assistant

Assoc. Prof. Dr. Rıdvan Polat Department of Medicinal and Aromatic Plants, Bingöl University, Genç, Bingöl, Turkey

Assoc. Prof. Dr. Nevzat Esim Department of Molecular Biology and Genetics, Bingöl University, Bingöl, Turkey

Dr. Alevcan Kaplan Department of Biology, Batman University, Batman, Turkey

Editorial Board

Prof. Dr. Amal Al-Aboudi Department of Chemistry, University of Jordan, Amman, **Jordan**

Prof. Dr. Fatih Satıl Department of Biology, Balıkesir University, Balıkesir, **Turkey**

Prof. Dr. Fatima Kazbekovna Serebryanaya Department of Botany and Pharmaceutical Chemistry, Pyatigorsk Medical Pharmaceutical Institute, Pyatigorsk, **Russia**

Prof. Dr. Isanete G. C. Bieski Department of Basic Sciences in Health, Federal University of Mato Grosso, MT, **Brazil**

Prof. Dr. M. Oliur Rahman Department of Botany, University of Dhaka, Dhaka, **Bangladesh**

Prof. Dr. Sevda Kirbağ Department of Biology, Fırat University, Elazığ, **Turkey**

Prof. Dr. Sunil Kumar Khan Department of Botany, Vivekananda College, Hooghly, West Bengal, **India**

Assoc. Prof. Dr. Flávia Lucas Department of Natural Sciences, Pará State University, Belém, **Brazil**

Assoc. Prof. Dr. Marina Krivtsova Department of Genetics, Plant Physiology and Microbiology, Uzhhorod National University, Uzhhorod, **Ukraine**

Assoc. Prof. Dr. Sameh Ali Amin Ismail Department of Biology, Imam Abdulrahman Bin Faisal University, Dammam, **Saudi Arabia**

Assoc. Prof. Dr. Ulysses A. Cagasan Department of Agronomy, Visayas State University, **Philippines**

Assoc. Prof. Dr. Zarina Binti Zakaria Department of Chemical Engineering Technology, Faculty of Engineering Technology, Universiti Malaysia Perlis, **Malaysia**

Dr. Abderrahmane Hamimed Department of Agronomy, Mascara University, Mascara, **Algeria**

Dr. Ameer Ahmed Mirbahar Department of Botany, Shah Abdul Latif University, Khairpur, **Pakistan**

Dr. Alireza Heidari Director of the BioSpectroscopy Core Research Laboratory at Faculty of Chemistry, California South University, Irvine, California, **USA**

Dr. Aminul Islam General Manager, BioMax Life Science, Hyderabad, **India**

Dr. Andrei Mocan Department of Pharmaceutical Botany (Senior Lecturer), Iuliu Hatieganu University of Medicine and Pharmacy, Cluj-Napoca, **Romania**

Dr. Christina Voycheva Department of Pharmacy, Medical University of Sofia, **Bulgarian**

Dr. Gislaïne Aparecida Carvalho Department of Biochemistry, Universidade Federal de Viçosa, Viçosa, **Brazil**

Dr. Ghulam Hussain Bhatti Department of Chemistry, Cadet College Hasan Abdal Attock, **Pakistan**

Dr. Jiban Shrestha Plant Breeding and Genetics, Nepal Agricultural Research Council, **Nepal**

Dr. Madani Sarri Department of Nature Sciences and Life, University of M'sila, **Algeria**

Dr. Nabil Kadri Faculty of Natural Sciences and Life and Earth, Sciences, University of Bouira, **Algeria**

Dr. Nahed Mostafa Mohamed Rashed Faculty of Agriculture, Damietta University, Damietta, **Egypt**

Dr. Raees Khan Department of Plant Sciences, Quaid-i-Azam University, Islamabad, **Pakistan**

Dr. Selima Khatun Department of Botany, Government General Degree College, West Bengal, **India**

Dr. Teresita R. Doctor St Theresa International Theresa International College, Ongkarak, **Thailand**