

# Topical Collection

## Prospects of Using Wild Plant Species in Horticulture

### Message from the Collection Editors

In modern horticulture efforts are directed toward cultivation of variety of plant species resulting in high impact on human lives, health and the environment. Horticultural crops encompass multitude of fruit, vegetable, aromatic and medicinal plants, turf grasses, grapes and ornamental plant species. More than 300 000 plant species are growing spontaneously in nature and many of them have potential to be used in horticulture. This Topical Collection will cover different aspects of possible use of wild plant species in horticulture such as new introductions into cultivation, on-farm conservation, wild plants as initial material for breeding and improvement of existing horticultural crops, as a source of new products to be used in horticulture (biopesticides, biostimulants etc.) and as crops in sustainable production systems. The submission of manuscripts or review papers by leading experts in these fields are welcomed, and the results of original researches are also strongly encouraged.

---

### Collection Editors

Prof. Dr. Boris Duralija

Department of Pomology, Division of Horticulture and Landscape Architecture, University of Zagreb Faculty of Agriculture, Svetošimunska cesta 25, 10000 Zagreb, Croatia

Dr. Dario Kremer

Pharmaceutical Botanical Garden Fran Kušan, Faculty of Pharmacy and Biochemistry, University of Zagreb, 10000 Zagreb, Croatia

---



## Horticulturae

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.1  
CiteScore 3.5



[mdpi.com/si/71365](https://mdpi.com/si/71365)

*Horticulturae*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[horticulturae@mdpi.com](mailto:horticulturae@mdpi.com)

[mdpi.com/journal/  
horticulturae](https://mdpi.com/journal/horticulturae)





# Horticulturae

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.1  
CiteScore 3.5



[mdpi.com/journal/  
horticulturae](https://mdpi.com/journal/horticulturae)



## About the Journal

### Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

---

### Editor-in-Chief

Prof. Dr. Luigi De Bellis

Department of Biological and Environmental Sciences and Technologies, Università del Salento, Centro Ecotekne, via Provinciale Lecce Monteroni, 73100 Lecce, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, FSTA, and other databases.

#### Journal Rank:

JCR - Q1 (Horticulture) / CiteScore - Q2 (Horticulture)