**Editor: Ákos Máthé**

* Introductory volume in the series of Medicinal and Aromatic Plants of the World
* Scientific information on MAPs
* Series is a storehouse of up-to-date information on our global wealth of medicinal and aromatic plants

Medicinal and aromatic plants (MAPs) have accompanied mankind from its very early beginnings. Their utilization has co-evolved with homo sapiens itself bringing about a profound increase in our scientific knowledge of these species enabling them to be used in many facets of our life (e.g. pharmaceutical products, feed- and food additives, cosmetics, etc.). Remarkably, despite the new renaissance of MAPs usage, ca. 80 % of the world’s population is relying on natural substances of plant origin, with most of these botanicals sourced from the wild state. This first volume and ultimately the series, provides readers with a wealth of information on medicinal and aromatic plants.

Table of Contents

* Introduction: Utilization/Significance of Medicinal and Aromatic Plants

Máthé, Ákos

Pages 1-12

[PreviewBuy Chapter](http://www.springer.com/gp/book/9789401798099) 31,69 €

* Botanical Aspects of Medicinal and Aromatic Plants

Máthé, Ákos

Pages 13-33

* Chemical Diversity of Medicinal Plants

Máthé, Imre

Pages 35-60

* Application of Spectroscopic Methods and Hyphenated Techniques to the Analysis of Complex Plant Extracts

Gođevac, Dejan (et al.)

Pages 61-85

* Medicinal and Aromatic Plants (MAP): How Do They Adapt to the Environment?

Figueiredo, A. Cristina (et al.)

Pages 87-112

* Breeding and Germplasm Preservation

Carlen, Christoph (et al.)

Pages 113-130

* Conservation of Wild Crafted Medicinal and Aromatic Plants and Their Habitats

Baričevič, Dea (et al.)

Pages 131-144

* Challenges and Decision Making in Cultivation of Medicinal and Aromatic Plants

Dajic-Stevanovic, Zora (et al.)

Pages 145-164

* Cultivation and Breeding of

Farag, Sayed (et al.)

Pages 165-186

* Sustainable Fertilization in Medicinal and Aromatic Plants

Carrubba, Alessandra

Pages 187-203

* Sustainable Weed, Disease and Pest Management in Medicinal and Aromatic Plants

Carrubba, Alessandra (et al.)

Pages 205-235

* Introduction to the Precision Medicinal Plant Production

Neményi, Miklós

Pages 237-255

* Medicinal Plants to Control Diseases and Pests

Sergeeva, Vera

Pages 257-271

* Quality Assurance of Medicinal and Aromatic Plants- Good Agricultural and Collection Practices (GAP & GCP)

Rawat, A. K. S. (et al.)

Pages 273-303

* Máthé, Ákos (et al.)

Pages 305-336

* Herbal Medicinal Preparations in Different Parts of the World

Csupor, Dezső

Pages 337-358

* Medicinal and Aromatic Plants in Scientific Databases

Bartol, Tomaz (et al.)

Pages 359-373

* International Trade of Medicinal and Aromatic Plants

Dürbeck, Klaus (et al.)

Pages 375-382

* Medicinal Plants Conservation Strategies for Primary-Healthcare and Livelihood at Local Level: An Examination of Initiatives in South Asia

Shahidullah, A. K. M. (et al.)

Pages 383-402

* Phytogenic Feed Additives in Animal Nutrition

Steiner, Tobias (et al.)

Pages 403-423

* Multipurpose Herbs: Hidden Potentials and Dangers in the Garden

Farkas, Ágnes

Pages 425-434